

TYSON'S DUMP SITE OUI
ADMINISTRATIVE RECORD FILE *
INDEX OF DOCUMENTS

II. REMEDIAL ENFORCEMENT PLANNING

1. Letter to Mr. Theodore Raymond, General Devices, Inc., from Mr. Thomas C. Voltaggio, U.S. EPA, re: Request for information, 10/13/84. P. 200001-200003. Two certified mail receipts are attached.
2. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Lawrence A. Serlin, Dechert, Price & Rhoads, re: Transmittal of the Administrative Order on Consent, 4/1/84. P. 200004-200004.
3. Letter to Mr. Victor E. Baker, Ciba-Geigy Corporation, from Mr. Stephen R. Wassersug, U.S. EPA, re: Notification of Potentially Responsible Party (PRP) status, 8/1/84. P. 200005-200009. Two certified mail receipts are attached.
4. Letter to Mr. Frank Tyson, from Mr. Stephen R. Wassersug, U.S. EPA, re: Notification of PRP status, 8/1/84. P. 200010-200013. Two certified mail receipts are attached.
5. Letter to Mr. Theodore Raymond, General Devices, Inc., from Mr. Stephen R. Wassersug, U.S. EPA, re: Notification of PRP status, 8/1/84. P. 200014-200017. Two certified mail receipts are attached.
6. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: Request to review the Remedial Investigation prior to committing to cleanup efforts at the site, 8/28/84. P. 200018-200019.
7. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Michael H. Malin, White & Williams, re: General Devices' decline to conduct any remedial action, 9/4/84. P. 200020-200021.
8. Letter to Mr. Michael H. Malin, White & Williams, from Mr. Bruce Smith, U.S. EPA, re: General Devices' submittal of comments on the draft RI/FS prior to close of the comment period, 10/18/84. P. 200022-200023.

* Administrative Record File date unavailable, recompiled 5/2/95, updated 1/31/96, 8/8/96, and 8/23/96.

9. Letter to Mr. Bradford F. Whitman, Dechert, Price & Rhoads, from Mr. Bruce Smith, U.S. EPA, re: General Devices' submittal of comments on the draft Remedial Investigation/Feasibility Study (RI/FS) prior to close of the comment period, 10/18/84. P. 200024-200025.
10. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: Consent Order changes and the execution of the Order to Ciba-Geigy Corporation, 1/6/85. P. 200026-200026.
11. Letter to Ms. Jennifer Burke, Kelly, Harrington, McLaughlin & Foster, from Mr. Bruce Smith, U.S. EPA, re: Transmittal of the Record of Decision (ROD), 1/9/85. P. 200027-200027.
12. Letter to Mr. David Richman, Mr. Nicholas M. Kouletsis, Pepper, Hamilton & Schultz, from Mr. Bruce Smith, U.S. EPA, re: Transmittal of the ROD, 1/9/85. P. 200028-200028.
13. Letter to Mr. Timothy A. Vanderver, Patton, Boggs & Blow, from Mr. Bruce Smith, U.S. EPA, re: Transmittal of the ROD, 1/9/85. P. 200029-200029.
14. Letter to Mr. Edward J. Hughes, Kaufman & Hughes, from Mr. Bruce Smith, U.S. EPA, re: Transmittal of the ROD, 1/9/85. P. 200030-200030.
15. Letter to Mr. Bradford F. Whitman, Dechert, Price & Rhoads, from Mr. Bruce Smith, U.S. EPA, re: Transmittal of the ROD, 1/9/85. P. 200031-200031.
16. Letter to Mr. Michael H. Malin, White & Williams, from Mr. Bruce Smith, U.S. EPA, re: Transmittal of the ROD, 1/9/85. P. 200032-200032.
17. Letter to Mr. Bruce Smith, U.S. EPA, from Mr. Michael H. Malin, White & Williams, re: Notification of an error in the ROD concerning site history, 1/11/85. P. 200033-200034.
18. Letter to Mr. Michael H. Malin, General Devices, from Mr. Bruce Smith, U.S. EPA, re: Instructions to direct all correspondence to Mr. Joseph J. C. Donovan, U.S. EPA, 1/29/85. P. 200035-200035.

19. Letter to Mr. Michael L. Martinez, U.S. Department of Interior (U.S. DOI), and Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. George Miller, Dechert, Price & Rhoads, re: Ciba-Geigy's unwillingness to commit to cleanup efforts at this time, 2/27/85. P. 200036-200037.
20. Memorandum to Mr. Joe Dugandzic, U.S. EPA, from Mr. Ed Shoener, U.S. EPA, re: PRP's refusal to commit to work at the site, 3/85. P. 200038-200038.
21. Letter to Mr. Bradford F. Whitman, Dechert, Price & Rhoads, from Ms. Jennifer Berke, Kelly, Harrington, McLaughlin & Foster, re: Request that Ciba-Geigy remove the Budd Company from the lawsuit, 7/3/85. P. 200039-200042.
22. Letter to Mr. Michael H. Malin, White & Williams, from Mr. Roland W. Schrecongost, U.S. EPA, re: Further investigations about to be performed at the site 7/10/85, P. 200043-200046. Two certified mail receipts are attached.
23. Letter to Mr. Andrew A. Chirls, Wolf, Block, Schorr & Solis-Cohen, from Mr. Roland W. Schrecongost, U.S. EPA, re: Further investigations about to be performed at the site 7/10/85. P. 200047-200050. Two certified mail receipts are attached.
24. Letter to Mr. Bradford F. Whitman, Dechert, Price & Rhoads, from Mr. Roland W. Schrecongost, U.S. EPA, re: Further investigations about to be performed at the site 7/10/85. P. 200051-200054. Two certified mail receipts are attached.
25. Letter to Ms. Jennifer Berke, Kelly, Harrington, McLaughlin & Foster, from Mr. Roland W. Schrecongost, U.S. EPA, re: Further investigations about to be performed at the site 7/10/85, P. 200055-200058. Two certified mail receipts are attached.
26. Letter to Mr. Timothy A. Vanderver, Jr., Patton, Boggs & Blow, from Mr. Roland W. Schrecongost, U.S. EPA, re: Further investigations about to be performed at the site 7/10/85. P. 200059-200062. Two certified mail receipts are attached.
27. Letter to Mr. Frank Tyson from Mr. Roland W. Schrecongost, U.S. EPA, re: Further investigations about to be performed at the site 7/10/85.

P. 200063-200066. Two certified mail receipts are attached.

28. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Ms. Jennifer Berke, Kelly, Harrington, McLaughlin & Foster, re: The Budd Company's refusal to undertake the studies proposed, 7/16/85. P. 200067-200067.
29. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: Request for cost estimates on the proposed deep aquifer, hillside, railroad, and floodplain studies, 7/17/85. P. 200068-200069.
30. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Timothy Vanderver, Patton, Boggs & Blow, re: The Essex's Group's decline to conduct the proposed studies, 7/22/85. P. 200070-200071.
31. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Andrew A. Chirls, Wolf, Block, Schorr & Solis-Cohen, re: Additional information on proposed studies at the site, 7/22/85. P. 200072-200073.
32. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: Need for more time to investigate possibility of conducting additional studies at the site, 7/22/85. P. 200074-200074.
33. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Bradford Whitman, Dechert, Price & Rhoads, re: Confirmation of meeting with EPA on August 13, 1985, 7/30/85. P. 200075-200075.
34. Letter to Mr. Donald J. Butler, CONRAIL, from Mr. Abraham Ferdas, U.S. EPA, re: Continued permission to access and be on CONRAIL's property to perform site activities, 8/5/85. P. 200076-200078. A permission form is attached.
35. Letter to Mr. Harry Yentzer, Reading Real Estate Company, from Mr. Joseph P. Dugandzic, U.S. EPA, re: Permission to access property adjacent to the site, 8/6/85. P. 200079-200081. An access permission form is attached.
36. Letter to Mr. Theodore Raymond, General Devices, from

Mr. Joseph P. Dugandzic, U.S. EPA, re: Permission to access property in the vicinity of the site, 8/7/85. P. 200082-200084. An access permission form is attached.

37. Letter to Ms. Jennifer Berke, Kelly, Harrington, McLaughlin & Foster, from Mr. Joseph J. C. Donovan, U.S. EPA, re: Transmittal of the cost estimates for the draft proposal for four (4) offsite operable units, 8/7/85. P. 200085-200087. The cost estimates are attached.
38. Letter to Mr. Andrew A. Chirls, Wolf, Block, Schorr & Solis-Cohen, from Mr. Joseph J. C. Donovan, U.S. EPA, re: Transmittal of the cost estimates for the draft proposal for four (4) offsite operable units, 8/7/85. P. 200088-200090. The cost estimates are attached.
39. Letter to Mr. Bradford F. Whitman, Dechert, Price & Rhoads, from Mr. Joseph J. C. Donovan, U.S. EPA, re: Transmittal of the cost estimates for the draft proposal for four (4) offsite operable units, 8/7/85. P. 200091-200093. The cost estimates are attached.
40. Letter to Mr. Timothy Vanderver, Jr., Patton, Boggs & Blow, from Mr. Joseph J. C. Donovan, U.S. EPA, re: Transmittal of the cost estimates for the draft proposal for four (4) offsite operable units, 8/7/85. P. 200094-200096. The cost estimates are attached.
41. Letter to Mr. Michael H. Malin, White & Williams, from Mr. Joseph J. C. Donovan, U.S. EPA, re: Transmittal of the cost estimates for the draft proposal for four (4) offsite operable units, 8/7/85. P. 200097-200099. The cost estimates are attached.
42. Letter to Mr. Frank Tyson, from Mr. Joseph J. C. Donovan, U.S. EPA, re: Transmittal of the cost estimates for the draft proposal for four (4) offsite operable units, 8/7/85. P. 200100-200102. The cost estimates are attached.
43. Memorandum to file from Mr. Tim Travers, U.S. EPA, re: Tyson's Dump Site meeting concerning the offsite operable unit studies, 8/16/85. P. 200103-200104.
44. Letter to Mr. Abraham Ferdas, U.S. EPA, from Mr. D. M. Wies, CONRAIL, re: Temporary license agreement for access to property, 8/20/85. P. 200105-200111. The

temporary license agreement is attached.

45. Letter to Mr. D. M. Wies, Conrail, from Mr. Abraham Ferdas, U.S. EPA, re: Referral of the access agreement to Regional Counsel, 8/23/85. P. 200112-200117. The access agreement is attached.
46. Letter to Mr. Tim Travers, U.S. EPA, from Mr. George S. Miller, Dechert, Price & Rhoads, re: Transmittal of a redraft of the Consent Order showing proposed changes and deletions, 8/27/85. P. 200118-200119.
47. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Harry K. Yentzer, re: Possible sale of parcel 1675, 9/6/85. P. 200120-200120.
48. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: Unresolved issues relating to the draft Administrative Order on Consent (AOC) for RI/FS, 9/13/85. P. 200121-200122.
49. Letter to Mr. D. M. Wies, CONRAIL, from Ms. Ellen Guerin, Dechert, Price & Rhoads, re: Transmittal of permit agreement allowing Ciba-Geigy Corporation and EPA to enter the Abrams yard for limited purposes, 9/27/85. P. 200123-200123.
50. Letter to Mr. Michael H. Malin, White & Williams, from Ms. Ellen Guerin, Dechert, Price & Rhoads, re: Transmittal of a proposed form of license agreement between Ciba-Geigy Corporation and EPA, 9/27/85. P. 200124-200128. The license agreement is attached.
51. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: Suggestions for changes and language in the AOC, 10/14/85. P. 200129-200129.
52. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Ms. Ellen Guerin, Dechert, Price & Rhoads, re: Transmittal of original access agreements signed by CONRAIL and General Devices, 10/28/85. P. 200130-200136. The agreement is attached.
53. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: Draft language for oversight costs section of the Consent Order, 10/30/85. P. 200137-200138. The draft language

is attached.

54. Memorandum to Lee Jennings, U.S. EPA, from Mr. George Alapas, U.S. EPA, re: Oversight costs at the Henderson Road Site, 2/6/86. P. 200139-200139.
55. Memorandum to Mr. Russel M. Wyer, U.S. EPA, from Mr. Stephen R. Wassersug, U.S. EPA, re: A response to Ciba-Geigy request, 2/19/86. P. 200140-200146.
56. Memorandum to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Neil Wise, U.S. EPA, re: Recusal of any matters associated with SmithKline-Beckman, 2/25/86. P. 200147-200147.
57. Memorandum to Mr. Stanley L. Laskowski, U.S. EPA, from Mr. Stephen R. Wassersug, U.S. EPA, re: Transmittal of CERCLA section 106(a) administrative order on consent for the performance of a RI/FS, 5/23/86. P. 200148-200152.
58. Administrative Order on Consent, In The Matter Of: Tyson's Dump Site, Upper Merion, Pennsylvania, Ciba-Geigy Corporation, respondent, U.S. EPA Docket No. III-86-10-DC, 5/27/86. P. 200153-200167.
59. Memorandum to Ms. Kathy Hodgkiss, U.S. EPA, from Ms. Darlene Brown, U.S. EPA, re: The oversight costs on Consent Orders, 6/11/86. P. 200168-200168.
60. Memorandum to Mr. Stanley L. Laskowski, U.S. EPA, from Mr. Stephen R. Wassersug, U.S. EPA, re: Addendum to the offsite operable units RI/FS work plan for the Tyson's Dump Site, 8/7/86. P. 200169-200215. The addendum is attached.
61. Letter to Mr. Rold Bernegger, Ciba-Geigy, from Mr. Stanley L. Laskowski, U.S. EPA, re: Approval of addendum to the work plan, 8/20/86. P. 200216-200216.
62. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: Transmittal of a proposed consent decree relating to the overall feasibility study, 2/12/87. P. 200217-200217.

63. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Lawrence A. Serlin, Dechert, Price & Rhoads, re: Transmittal of proposed Administrative Order on Consent, 2/18/87. P. 200218-200218.
64. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. John P. Judge, Cohen, Shapiro, Polisher, Shickman & Cohen, re: Transmittal of Consent Order, 3/2/87. P. 200219-200219.
65. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Lawrence A. Serlin, Dechert, Price & Rhoads, re: Transmittal of three (3) copies of the executed original Administrative Consent Order, 3/3/87. P. 200220-200220.
66. Enforcement history, Tyson's Dump Site, (undated). P. 200221-200240.
67. RI/FS estimated costs, Table 1, (undated). P. 200241-200241.
68. Delegation briefing, Tyson's lagoons, (undated). P. 200242-200243.
69. Paper on Tyson's Dump Site, (undated). P. 200244-200247.
70. Enforcement Profile, Tyson's Dump Site, (undated). P. 200248-200249.
71. Update on the site, (undated). P. 200250-2000251.
72. Update on the site, (undated). P. 200252-200253.
73. Tyson's Briefing, (undated). P. 200254-200255.

III. REMEDIAL RESPONSE PLANNING

1. Telephone conversation record of Mr. Art Robb and Mr. Al Shuckrow, Michael Baker Jr., Inc., with Mr. Gary Wojcik, NUS Corporation, re: Progress report on field activities, 1/6/83. P. 300001-300001.
2. Telephone conversation record of Mr. Art Robb, Michael Baker Jr., Inc., with Mr. Gary W. Wojcik, NUS Corporation re: The weekly progress report, 1/13/83. P. 300002-300002.
3. REM/FIT Zone Contract, Technical Directive Document, 2/18/83. P. 300003-300003.
4. U.S. EPA Pollution Report #9, Tyson's Dump Site, 3/9/83. P. 300004-300005.
5. Work Assignment form, 4/19/83. P. 300006-300006.
6. Safety and Health Plan for Site Activities, 5/13/83. P. 300007-300022.
7. Report: Statement of Qualifications for the Performance of Remedial Investigations and Feasibility Studies at Hazardous Waste Sites, prepared by Michael Baker, Jr., Inc., 6/83. P. 300023-300087.
8. Telephone Conversation Record of Mr. Ed Sheenan with Mr. Wagenmann, Upper Merion Township, re: Progress report on Tyson's Dump, 6/8/83. P. 300088-300088.
9. Report: Remedial Action Master Plan and Remedial Investigation/Feasibility Study Work Plan, prepared by NUS Corporation, 7/83. P. 300089-300206.
10. Report: Remedial Action Master Plan and Remedial Investigation/Feasibility Study Work Plan, Optional Form 60, prepared by NUS Corporation, 7/83. P. 300207-300218. A cover letter dated July 27, 1983, is attached.
11. Letter to Mr. David T. Noble, U.S. EPA, from Mr. E. Dennis Escher, NUS Corporation, re: Long-term remedial action cost estimates, 7/6/83. P. 300219-300221.
12. Memorandum to Mr. Gil Meyer from Mr. Gary Wojcik, NUS Corporation, re: Work Plan revisions 0701.63, 7/20/83. P. 300222-300222.

13. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Gary Wojcik, NUS Corporation, re: Cost of leachate and water treatment at the site, 7/26/83. P. 300223-300224. The calculations are attached.
14. Letter to Mr. Edward Shoener, U.S. EPA, from Mr. Gary W. Wojcik, NUS Corporation, re: Schedule and fact sheet for Tyson's Dump, 7/27/83. P. 300225-300231. The following are attached:
 - a) A graph entitled "Remedial Investigation/ Feasibility Study Project Schedule, Tyson's Dump";
 - b) A Summary of RI/FS for the Site;
 - c) A Quality Assurance Plan for Tyson's Site;
 - d) A RAMP review sheet.
15. Memorandum to Mr. William N. Hedeman, Jr., U.S. EPA, from Mr. Stephen R. Wassersug, U.S. EPA, re: Action Memorandum for review and approval, 8/2/83. P. 300232-300234. The Action Memorandum is attached.
16. Letter to Mr. Edward Shoener, U.S. EPA, from Mr. Gary W. Wojcik, NUS Corporation, re: Transmittal of ten additional copies of the final RAMP and RI/FS Work Plan, 8/2/83. P. 300235-300235.
17. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Gary W. Wojcik, NUS Corporation, re: Cost of the ground water treatment at the site, 8/16/83. P. 300236-300238. The estimated costs are attached.
18. Work Assignment Status Report for RI/FS, 9/83. P. 300239-300239.
19. Memorandum to Mr. William N. Hedeman, Jr., U.S. EPA, from Mr. Kirk Sniff, U.S. EPA, re: Authorization to proceed with the RI/FS at the site, 9/13/83. P. 300240-300240.
20. Memorandum to Mr. William N. Hedeman, Jr., U.S. EPA, from Mr. Lee M. Thomas, U.S. EPA, re: Status of the Action Memorandum, 9/19/83. P. 300241-300243.

21. Letter to Mr. Edward Shoener, U.S. EPA from Mr. Michael R. Steiner, Pennsylvania Department of Environmental Resources (PADER), re: Confirmation of PADER's review of RAMP, 9/19/83. P. 300244-300244.
22. Letter to Mr. Edward Shoener, U.S. EPA, from Mr. Ronald G. Wagenmann, Upper Merion Township, re: Questions asked by the Environmental Advisory Council, 9/19/83. P. The questions are attached. 300245-300246.
23. Procurement Request Requisition Form, 9/19/83. P. 300247-300247.
24. Memorandum to Mr. G. J. Meyer and Mr. G. W. Wojcik, NUS Corporation, from Mr. E. A. Cardinal, NUS Corporation, re: The September 14, 1983 public meeting, 9/20/83. P. 300248-300249.
25. Work Assignment form, 9/22/83. P. A Scope of Work outline and a Procurement Request/Requisition Form are attached. P. 300250-300252.
26. Work Assignment Status Report on RI/FS, 10/83. P. 300253-300253.
27. Letter to Zone Project Manager, NUS Corporation, from Mr. Charles I. Homan, Michael Baker, Jr., Inc., re: Subcontract agreement exceptions, 10/10/83. P. 300254-300417. The agreement exceptions are attached.
28. Memorandum to Mr. Dave Noble, U.S. EPA, from Mr. Ed Shoener, U.S. EPA, re: Work Plan approval, 10/21/83. P. 300418-300418.
29. Work Assignment Status Report for RI/FS, 11/83. P. 300419-300420.
30. REM/FIT Zone Contract, Technical Directive Document, 11/3/83. P. 300421-300421.
31. Letter to Mr. Robert A. Burns, NUS Corporation, from Messrs. William M. Kaschiak and William R. Topping, U.S. EPA, re: Work Plan for Work Assignment Number 51-3156 is approved, 11/18/83. P. 300422-300422.
32. Memorandum to Air and Waste Management Division Directors from Mr. Lee M. Thomas, U.S. EPA, re: Policy

for Responsible Party Involvement in RI/FS under CERCLA, 11/21/83. P. 300423-300430.

33. Letter to Mr. C. J. Touhill, Michael Baker, Jr., Inc., from Mr. John L. Remehan, NUS Corporation, re: Authorization to Proceed with Tasks 1,2,3,4, and 5 of Work Assignment No. 1, Modification 1 under referenced subcontract, 11/21/83. P. 300431-300434.
34. Amendment of Solicitation/Modification of Contract form, 11/22/83. P. 300435-300436.
35. Letter to Mr. Joseph J. C. Donovan U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: Memorandum from Mr. Lee M. Thomas and Ms. Courtney M. Price, 11/22/83. P. 300437-300437.
36. Letter to NUS Corporation, from Mr. Ronald L. Kovach, U.S. EPA, re: Modification No. 50 to contract No. 68-01-6699, 11/22/83. P. 300438-300438.
37. Letter to Ms. Kristina J. Mott, NUS Corporation, from Mr. C. J. Touhill, Michael Baker, Jr., Inc., re: Transmittal of Optional Form 60 for Subcontract No. 20830907, 11/23/83. P. 300439-300439.
38. NUS Corporation Document Transmittal form, re: Transmittal of RAMP, RI/FS Work Plan and miscellaneous file information, 11/25/83. P. 300440-300440.
39. Letter to Mr. Alan J. Shuckrow, Michael Baker, Jr., Inc., from Mr. Gary w. Wojcik, NUS Corporation, re: Transmittal of NUS file information for the site, 11/28/83. P. 300441-300441.
40. Report: Work Plan, Remedial Investigation/Feasibility Study of Alternatives, prepared by NUS Corporation, 12/83. P. 300442-300502.
41. Work Assignment Status Report, RI/FS Work Assignment No. 51-3L56.0, 12/83. P. 300503-300503.
42. Work Assignment Status Report, RI/FS, Work Assignment No. 25-1L37, 12/83. P. 30004-300506.
43. Letter to Mr. Ed Shoener, U.S. EPA, from Mr. E. Dennis Escher, NUS Corporation, re: Transmittal of the revised Work Plan, 12/2/83. P. 300507-300507.

44. Letter to Mr. Ed Shoener, U.S. EPA, from Mr. E. Dennis Escher, NUS Corporation, re: Request for a budget increase in regards to EPA Work Assignment No. 51-3L56, 12/2/83. P. 300508-300510. The Budget Increase Basis Summary is attached.
45. Letter to Mr. C. J. Touhill, Michael Baker, Jr., Inc., from Mr. John L. Remenan, NUS Corporation, re: Authorization to proceed with Tasks 6, 7, 8, 9, and 10 of Work Assignment No. 1, Modification No. 1 under Subcontract No. Z0830907, 12/6/83. P. 300511-300514.
46. Letter to Mr. Noel Urban, U.S. Army Corps of Engineers (USCOE), from Mr. Thomas R. Sheekells, U.S. EPA, re: Letter to initiate the work assignment for the U.S. Army Corps of Engineers, 12/8/83. P. 300515-300516. The Technical Assistance Authorization Form is attached.
47. Letter to Mr. Alan J. Shuckrow, Michael Baker, Jr., Inc., from Mr. Gary W. Wojcik, NUS Corporation, re: Revised schedule for the site, 12/8/83. P. 300517-300517.
48. Letter to Mr. Ed Shoener, U.S. EPA, from Mr. Gary W. Wojcik, NUS Corporation, re: Revised Remedial Action Schedule, 12/8/83. P. 300518-300522. The Remedial Action Schedule and contract modifications are attached.
49. Letter to Mr. Alan J. Shuckrow, Michael Baker, Jr., Inc., from Mr. Gary Wojcik, NUS Corporation, re: Additional information to aid in the preparation of the Quality Assurance Plan for the site, 12/9/83. P. 300523-300523.
50. Telephone conversation record of Mr. Alan Shuckrow, Michael Baker, Jr., Inc., and Mr. Gary Wojcik, NUS Corporation, re: Task assignment update, 12/9/83. P. 300524-300524.
51. Meeting conversation record, re: Discussion of recommended modifications to Tyson's Dump Work Scope, 12/14/83. P. 300525-300525.
52. Phone conversation record of Mr. Gary Wojcik, NUS Corporation, and Mr. Ed Shoener, U.S. EPA, re: Proposed changes by Michael Baker, Jr., Inc., 12/14/83. P. 300526-300526.

53. Memorandum to Mr. E. D. Escher, NUS Corporation, from Mr. G. F. Smith and J. M. Peterson, NUS Corporation, re: List of persons who have completed the Superfund Introduction Training Course, 12/15/83. P. 300527-300527.
54. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. Alan J. Shuckrow, Michael Baker, Jr., Inc., re: Clarification on authorizations for tasks 6-10, 12/19/83. P. 300528-300528.
55. Letter to Mr. Gary W. Wojcik, NUS Corporation, from Mr. Alan J. Shuckrow, Michael Baker, Jr., Inc., re: Draft copies of proposed subcontract agreements for various tasks to be completed, 12/20/83. P. 300529-300531. Letter of agreement for SRW Associates, Inc., and Phoenix Safety Associates, Ltd., are attached
56. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. Alan J. Shuckrow, Michael Baker Jr., Inc., re: Transmittal of modifications to revise the December 1983 Work Plan, 12/20/83. P. 300532-300579.
57. Letter to Mr. Alan J. Shuckrow, Michael Baker, Jr., Inc., from Mr. Gary Wojcik, NUS Corporation, re: Transmittal of Health and Safety and Quality Assurance plans for the site, 12/27/83. P. 300580-300583. Comments regarding the Health and Safety Plan and a task authorization memorandum are attached.
58. Letter to A. C. Schultes and Sons, Inc., from Mr. Richard L. Shaw, Michael Baker, Jr., Inc., re: Drilling and monitoring well installation at the site, 12/28/83. P. 300584-300620. The following are attached:
- a) A map entitled "Proposed Location of Monitoring Wells, Tyson's Dump Site";
 - b) A Location Map, Tyson's Dump;
 - c) A Contract Bond;
 - d) An additional bond for labor and materials;
 - e) An Equal Employment Opportunity Compliance

Certificates;

- f) Appendix 1 - Level B Decontamination;
 - g) Appendix 2 - Level C Decontamination;
 - h) Schedule D, General Provisions Incorporated by Reference.
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- 59. Memorandum to Mr. Jack Renehan and Mr. Jerry Sgro, NUS Corporation, from Mr. Gary Wojcik, NUS Corporation, re: The drilling agreement between A. C. Shultes and Son's, Inc., and Michael Baker, Jr., Inc., 12/30/83. P. 300621-300623. The letter of agreement is attached.
 - 60. SRW field book No. 1, Tyson's Dump Site, 1/84-3/84. P. 300624-300767.
 - 61. Report: Site Operations Plan for RI/FS, prepared by Michael Baker, Jr., Inc., 1/84. P. 300768-301035.
 - 62. Work Assignment Status Report, Work Assignment No. 51-3L56.0, 1/84. P. 301036-301042.
 - 63. Work Assignment Status Report, Work Assignment No. 25-1L37, 1/84. P. 301043-301046.
 - 64. Letter to Mr. Alan Shuckrow, Michael Baker, Jr., Inc., from Mr. J. L. Renehan, NUS Corporation, re: Confirmation of second tier subcontract agreements, 1/6/84. P. 301047-301047.
 - 65. Letter to Mr. Alan J. Shuckrow, Michael Baker, Jr., Inc., from Mr. Gary Wojcik, NUS Corporation, re: Transmittal of a reviewed copy of Site Operations Plan, 1/9/84. P. 301048-301048.
 - 66. Letter to Mr. Ed Shoener, U.S. EPA, from Mr. G. W. Wojcik, NUS Corporation, re: Further project authorization for the site RI/FS, 1/10/84. P. 301049-301049.
 - 67. Letter to Ms. Kris Mott, NUS Corporation, from Mr. Alan J. Shuckrow, Michael Baker, Jr., Inc., re: Transmittal of Work Assignment No. 1, under EPA Contract No. 68-01-6699. 1/11/84. P. 301050-301050.
 - 68. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. A.E. Robb, Michael Baker, Jr., Inc., re: Transmittal

of December 1983 Progress Report, 1/13/84.
P. 301051-301051.

69. Letter to Mr. Joseph J. C. Donovan, U.S. EPA from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: Opportunity for Ciba-Geigy to be involved with RI/FS at the site, 1/20/84. P. 301052-301053.
70. Telephone conversation record of Mr. Art Robb, Michael Baker, Jr., Inc., and Mr. G. Wojcik, NUS Corporation, re: Problems with Tyson's Remedial Investigation this week, 1/20/84. P. 301054-301054.
71. Letter to Mr. Ed Shoener, U.S. EPA, from Mr. A. E. Robb, Michael Baker, Jr., Inc., re: Transmittal of revised copies of Site Operations Plan and Health and Safety Plan, 1/23/84. P. 301055-301055.
72. Telephone conversation record with Mr. Al Shuckrow, Michael Baker, Jr., Inc., and Mr. Gary Wojcik, NUS Corporation, re: The need to go to Level B on well drilling of certain on-site wells, 1/27/84. P. 301056-301057.
73. Telephone conversation record of Mr. Alan Shuckrow and Mr. Art Robb, Michael Baker, Jr., Inc., and Mr. Gary Wojcik, NUS Corporation, re: Necessity of Level B drilling, 1/30/84. P. 301058-301058.
74. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. A. E. Robb, Michael Baker, Jr., Inc., re: Transmittal of January 1984 Progress Report, 1/31/84. P. 301059-301060.
75. Disposition form, Re: Trip Report - Tyson's Dump Site, 2/3/84. P. 301061-301073. A location map, the site conditions, and site photographs are attached.
76. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhodes, re: A guided tour of Tyson's Dump Site, 2/23/84. P. 301074-301074.
77. Report: Tyson's Dump Site, Objections and Criteria/Alternatives Identification, Development Document, prepared by Michael Baker Corporation,

2/24/84. P. 301075-301108 A transmittal letter is attached.

78. Letter to Mr. Alan J. Shuckrow, Michael Baker, Jr., Inc., from Mr. Gary Wojcik, NUS Corporation, re: review of objectives and criteria/alternatives identification development document, 2/27/84. P. 301109-301110.
79. Telephone conversation record of Mr. Gary Wojcik, NUS Corporation and Mr. Ed Shoener, U.S. EPA, re: Sample results showing pharmaceutical compounds, 2/28/84. P. 301111-301111.
80. Letter to Mr. Harold Byer, U.S. EPA, from Ms. Marcia L. Irwin, NUS Corporation, re: NUS Fit number assistance given to PADER for classification of samples, 2/28/84. P. 301112-301113.
81. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. Alan J. Shuckrow, Michael Baker, Jr., Inc., re: Transmittal of February Progress Reports, 2/28/84. P. 301114-301121. The progress reports are attached.
82. Letter to Mr. Alan J. Shuckrow, Michael Baker, Jr., Inc., from Mr Gary W. Wojcik, NUS Corporation, re: Transmittal of Feasibility Study Guidance Documents, 3/5/84. P. 301122-301122.
83. Letter to Mr. Shoener, U.S. EPA, from Mr. Arthur E. Robb, Michael Baker, Jr., Inc., re: Analytical results of samples containing unususal organic compounds, 3/7/84. P. 301123-301140. The analytical results are attached.
84. Letter to Mr. Alan J. Shuckrow, Michael Baker, Jr., Inc., from Mr. Gary W. Wojcik, NUS Corporation, re: Memorandum pertaining to the site, 3/7/84. P. 301141-301141.
85. Letter to Mr. Ed Shoener, U.S. EPA, from Mr. A. E. Robb, Michael Baker, Jr., Inc., re: Transmittal of the data packets including the GC/MS scans, 3/12/84. P. 301142-301142.
86. REM/FIT Zone Contract, TDD Acknowledgement of Completion, 3/15/84. P. 301143-301143.

87. Telephone conversation record of Mr. Gary Wojcik, NUS Corporation and Mr. Art Robb, Michael Baker, Jr., Inc., re: Estimated delivery dates of EPA's project requirements for Tyson's, 3/26/84. P. 301144-301144.
88. Letter to Mr. Michael Steiner, PADER, from Mr. Ed Shoener, U.S. EPA, re: Elimination of two steps in the RI/FS process, 3/27/84. P. 301145-301146.
89. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. A. E. Robb, Michael Baker, Jr., Inc., re: Transmittal of March 1984 Progress Reports, 3/29/84. P. 301147-301154. The progress reports are attached.
90. Amendment of Solicitation/Modification of Contract No. 68-01-6699, 3/30/84. P. 301155-301165.
91. Letter to Mr. Edward Shoener, U.S. EPA, from Mr. Ronald Wagenmann, Supervisors of Upper Merion Township, re: Information on zoning and land use surrounding Tyson's Dump Site, 4/4/84. P. 301166-301166.
92. Summary of meeting, re: Activities at the site, 4/6/84. P. 301167-301167.
93. Meeting notes, re: Description of site, 4/16/84. P. 301168-301176.
94. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: Potential claim by EPA against Ciba-Geigy for costs incurred at the site, 4/16/84. P. 301177-301178.
95. Letter to Mr. Ed Shoener, U.S. EPA, from Mr. R. W. Kelley, USCOE, re: Comments on the RAMP and RI/FS Work Plan, 4/25/84. P. 301179-301189. The comments are attached.
96. Telephone conversation record of Mr. Joe Donovan, U.S. EPA, with Mr. Brad Whitman, Dechert, Price & Rhoads, re: Reason for a partial, rather than full, site visit, 4/27/84. P. 301190-301190.
97. Letter to Mr. Rich Zambito, U.S. EPA, from Mr. Art Robb, Michael Baker, Jr., Inc., re: Transmittal of Remedial Investigation report data tables, 4/27/84. P. 301191-301242. The data tables, Exhibit 3 - Initial Sampling Locations, and Exhibit 4 - Additional Sampling Locations, are attached.

98. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. A. E. Robb, Michael Baker, Jr., Inc., re: Transmittal of the April 1984 Progress Reports, 4/27/84. P. 301243-301248. The progress reports are attached.
99. Letter to Hazardous Materials Control Research Institute, from Mr. Art Robb, Michael Baker, Jr., Inc., re: A document entitled "A Superfund Case History," 4/30/84. P. 301249-301251. An abstract of "A Superfund Case History," is attached.
100. Report: Preliminary Draft, Remedial Investigation Report and Feasibility Study Work Plan for Tyson's Dump Site, prepared by NUS Corporation, 5/84. P. 301252-301478.
101. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: A site visit on April 30, 1984, 5/1/84. P. 301479-301480.
102. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: Copying the EPA Site Investigation Report, 5/1/84. P. 301481-301481.
103. Letter to Mr. Joseph Donovan, U.S. EPA, from Ms. Patricia L. Goughan, Ciba-Geigy, re: Letter dated December 11, 1968, 5/1/84. P. 301482-301483. The letter is attached.
104. Meeting notes, re: Activities at the site, 5/2/84. P. 301484-301485.
105. Telephone conversation record of Mr. Gary Wojcik, NUS Corporation, with Mr. Art Robb, Michael Baker, Jr., Inc., re: EPA's request for an informal cleanup cost estimate for the site, 5/2/84. P. 301486-301486.
106. Letter to Mr. Joe Dugandzic, U.S. EPA, from Mr. Gary W. Wojcik, NUS Corporation, re: The status of the product schedule and recent requests for receipt of product deliverables, 5/7/84. P. 301487-301488.
107. Letter to Mr. Gary W. Wojcik, NUS Corporation, Mr.

- Joseph P. Dugandzic, U.S. EPA, re: Streamlining the RI/FS process for the site, 5/8/84. P. 301489-301490.
108. Letter to Mr. Thomas C. Voltaggio, U.S. EPA, from Mr. Stephan F. Pedersen, NUS Corporation, re: Submittal of the Work Assignment Status Reports for all active products, 5/11/84. P. 301491-301491.
 109. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. Gary W. Wojcik, NUS Corporation, re: Tyson's Dump Site Feasibility Study, EPA Work Assignment No. 51-3L56, 5/14/84. P. 301492-301493.
 110. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. Arthur E. Robb, Jr., Michael Baker, Jr., Inc., re: Transmittal of preliminary draft RI/FS Work Plan, 5/16/84. P. 301494-301494.
 111. Telephone conversation record, re: Submittal of draft Remedial Investigation, 5/17/84. P. 301495-301497.
 112. Memorandum to Mr. Joe Dugandzic, U.S. EPA, from Ms. Mary K. Stinson, U.S. EPA, re: Remedial waste site demonstration of the Sparkcell treatment process, 5/25/84. P. 301498-301505. The patent is attached.
 113. Memorandum to Ms. Mary K. Stinson, U.S. EPA, from Mr. Joe Dugandzic, U.S. EPA, re: Leachate treatment plant influent and effluent characteristics of Tyson's Dump Site, 5/31/84. P. 301506-301506.
 114. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. A. E. Robb, Michael Baker, Jr., Inc., re: Transmittal of May 1984 Progress Reports, 5/31/84. P. 301507-301511. The three (3) progress reports are attached.
 115. Letter to Mr. Bradford F. Whitman, Dechert, Price & Rhoads, from Mr. Joseph J. C. Donovan, U.S. EPA, re: Supporting analytical data and maps for the Remedial Investigation Report, 5/31/84. P. 301513-301514.
 116. Report: Preliminary Draft, Feasibility Study for Tyson's Dump Site, prepared by, NUS Corporation, 6/84. P. 301515-301662.
 117. Report: Tyson's Dump Site Proposed Additional Air

- Monitoring Plan, prepared by NUS Corporation, 6/84.
P. 301663-301667.
118. Work Assignment Status Report, Tyson's Dump Site, 6/84.
P. 301678-301680.
119. Memorandum to Mr. Gary Wojcik, NUS Corporation, from
Mr. Joseph Bern, NUS Corporation, re: Review of
Tyson's preliminary draft Remedial Investigation
Report, 6/1/84. P. 301681-301683.
120. Letter to Mr. Art Robb, Michael Baker, Jr., Inc., from
Mr. Gary Wojcik, NUS Corporation, re: Technical review
of preliminary draft of Remedial Investigation Report,
6/5/84. P. 301684-301685. Paper entitled "Geophysics-
Tyson's Dump" Site is attached.
121. Letter to Mr. Ronald G. Wagenmann, Upper Merion
Township, from Mr. Joseph P. Dugandzic, U.S. EPA, re:
Transmittal of the field data collected during the
Remedial Investigation at the site, 6/8/84.
P. 301686-301686.
122. Letter to Mr. Michael L. Martinez, U.S. Department of
Justice (U.S. DOJ), from Mr. Bradford F. Whitman,
Dechert, Price & Rhoads, re: Ciba-Geigy's submittal of
information in accordance with Civil action No. 84-
2663, 6/14/84. P. 301687-301698.
123. Letter to Mr. Butch Byer, U.S. EPA, from Mr. Joseph P.
Dugandzic, U.S. EPA, re: Additional air quality
monitoring, 6/18/84. P. 301689-301689.
124. Memorandum to Mr. Joe Dugandzic, U.S. EPA, from Mr.
Dick Brunker, U.S. EPA, re: Response to your inquiry
concerning SNARLs for dichloromethane and toluene,
6/19/84. P. 301690-301690.
125. Letter to Mr. Joe Dugandzic, U.S. EPA, from Mr. Art
Robb, Michael Baker, Jr., Inc., re: Transmittal of the
preliminary draft Feasibility Study, 6/22/84.
P. 301691-301691.
126. Memorandum to Mr. Bruce Smith, U.S. EPA, from Mr.
Thomas C. Voltaggio, U.S. EPA, re: Preparation of
notice letters, 6/25/84. P. 301692-301692.

127. Letter to Mr. Gary Wojcik, NUS corporation, from Mr. Arthur E. Robb, Michael Baker, Jr., Inc., re: Transmittal of June 1984 Progress Reports, 6/27/84. P. 301693-301695. The progress reports are attached.
128. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. Gary Wojcik, NUS Corporation, re: The RI/FS reaching 80% of expenditures in sixty days, 6/27/84. P. 301696-301696.
129. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. Allan J. Shuckrow, Michael Baker, Jr., Inc., re: Assumptions for estimating costs to conduct the RI/FS, 6/28/84. P. 301697-301698.
130. Letter to Mr. Edward Shoener, U.S. EPA, from Mr. Michael Martinez, U.S. DOJ, re: Rescheduling a meeting with representatives of Ciba-Geigy Corporation on the Civil Action No. 84-2663, 7/5/84. P. 301699-301699.
131. Letter to Mr. Joseph Dugandzic, U.S. EPA, from Mr. Gary Wojcik, NUS Corporation, re: Changes to the Scope of Work as defined in the December 1983 RI/FS Work Plan, 7/9/84. P. 301700-301700.
132. Report of Analysis, re: Volatile organics, 7/10/84. P. 301701-301708.
133. Letter to Mr. Art Robb, Michael Baker, Jr., Inc., from Mr. Gary Wojcik, NUS Corporation, re: Review of a preliminary draft report, 7/10/84. P. 301709-301710.
134. Letter to Mr. Mike Steiner, PADER, from Mr. Stuart R. Remz, Engineering Services Inc., re: Proposal for rehabilitating the air stripping column, 7/11/84. P. 301711 -301716. Some handwritten notes are attached.
135. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. Joseph P. Dugandzic, U.S. EPA, re: Request for permission to distribute both the draft Remedial Investigation and the draft Feasibility Study early, 7/14/84. P. 301717-301717.
136. Memorandum to Ms. Mary K. Stinson, U.S. EPA, from Mr. Joe Dugandzic, U.S. EPA, re: Request for technical assistance to study leachate at the site, 7/23/84. P. 301718-301718.

137. Letter to Mr. Bradford F. Whitman, Dechert, Price & Rhoads, from Mr. Joseph J. C. Donovan, U.S. EPA, re: Response to questions in Joseph Donovan's letter to Mike Martinez, 7/23/84. P. 301719-301720.
138. Memorandum to Mr. Joseph Dugandzic, U.S. EPA, from Mr. Dick Brunner, U.S. EPA, re: A toxicological review of the assessment of risk posed by contamination at the site, 7/26/84. P. 301721-301723.
139. Report: Draft Remedial Investigation Report and Feasibility Study Work Plan for Tyson's Dump Site, prepared by NUS Corporation, 8/84. P. 301724-302055. A cover letter dated August 13, 1984, is attached.
140. Report: Draft Feasibility Study for Tyson's Dump Site, prepared by NUS Corporation, 8/84. P. 302056-302209.
141. REM/FIT zone contract, Technical Directive Document, re: Performing air monitoring at the site, 8/1/84. P. 302210-302210.
142. Contract status notification, 8/2/84. P. 302211-302212. A voucher for transfers between appropriations and/or funds is attached.
143. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. A. E. Robb, Michael Baker, Jr., Inc., re: Transmittal of the July 1984 Progress Reports, 8/6/84. P. 302213-302218. The progress reports are attached.
144. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. Arthur Robb, Michael Baker, Jr., Inc., re: Transmittal of 16 additional copies of the draft Remedial Investigation Report, 8/17/84. P. 302219-302245. A portion of a paper written by Gary Wojcik and Art Robb, NUS Corporation, is attached.
145. Letter to Ms. Linda Boornazian, U.S. EPA, from Mr. Gary Wojcik, NUS Corporation, re: Transmittal of draft Remedial Investigation Report, 8/20/84. P. 302246-302246
146. Letter to Mr. Thomas P. Pendergast, CONRAIL, from Mr. A. E. Robb, Michael Baker, Jr., Inc., re: Remedial actions under consideration for the site, 8/20/84.

P. 302247-302249.

147. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. Victor J. Janosik, PADER, re: Review of the draft Remedial Investigation Report, 8/21/84.
P. 302250-302252.
148. Memorandum to Mr. Joe Dugandzic, U.S. EPA, from Mr. Ken McGill, U.S. EPA, re: The location of the ERT files pertaining to plans for the collection trench at the site, 8/24/84. P. 302253-302259.
149. Handwritten notes, re: The cost of each Draft Remedial Investigation Report, 8/28/84. P. 302260-302260.
150. Letter to Mr. Randy Peterson, USCOE, from Mr. Joseph P. Dugandzic, U.S. EPA, re: Transmittal of a copy of the draft Remedial Investigation, 8/30/84.
P. 302261-302263. Two copies of a ROD schedule are attached.
151. Letter to Mr. Joe Dugandzic, U.S. EPA, from Mr. A. E. Robb, Michael Baker, Jr., Inc., re: Transmittal of 16 copies of draft Feasibility Study, 9/4/84.
P. 302264-302264.
152. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. Arthur E. Robb, Michael Baker, Jr., Inc., re: Transmittal of five copies of the draft Feasibility Study, 9/4/84. P. 302265-302265.
153. Memorandum to Mr. Joe Dugandzic, U.S. EPA, from Mr. Dick Brunner, U.S. EPA, re: A risk assessment of the hazards presented by the air release of volatile organic substances during warm weather conditions and the incrementation of the deterioration of the nearby wetland and Schuylkill River, 9/4/84.
P. 302266-302266.
154. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. A. E. Robb, Michael Baker, Jr., Inc., re: Transmittal of the August 1984 Progress Reports, 9/4/84.
P. 302267-302271. The progress reports are attached.
155. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. A. E. Robb, Michael Baker, Jr., Inc., re: Transmittal of four copies of the draft Feasibility Study, 9/4/84.
P. 302272-302272.

156. Letter to Mr. Joseph Dugandzic, U.S. EPA, from Mr. Altaf, A. Memon, PADER, re: Treatment plant installed at the site, 9/5/84. P. 303273-302274.
157. Letter to Ms. Linda Boornazian, U.S. EPA, from Mr. Gary Wojcik, NUS Corporation, re: Transmittal of one copy of the draft Feasibility Study report, 9/5/84. P. 303375-302275.
158. Letter to Mr. Victor Janosik, PADER, from Mr. Joseph P. Dugandzic, U.S. EPA, re: The issue of 60 spent activated carbon cannisters stored at the Upper Merion Township DPW yard, 9/6/84. P. 302276-302276.
159. Memorandum to Mr. Joseph Dugandzic, U.S. EPA, from Mr. Altaf Memon, PADER, re: Proposal from S&D concerning the site, 9/7/84. P. 302277-302282. The proposal dated August 28, 1984 and an article entitled Hydrogen peroxide and the FMC Corporation are attached.
160. Letter to Mr. Art Robb, Michael Baker, Jr., Inc., from Mr. Ed Shoener, U.S. EPA, re: All information concerning the handling of samples from the site should be collected and sent to TechLaw, 9/13/84. P. 302283-302283.
161. Letter to Mr. Altaf A. Memon, PADER, from Mr. Joseph P. Dugandzic, U.S. EPA re: Storage of spent cannisters in an off site facility and the responsibilities of the state, 9/20/84. P. 302284-302285.
162. Letter of transmittal to Mr. Greg Vanderlaan, U.S. EPA, from Mr. A. E. Robb, Michael Baker, Jr., Inc., re: Transmittal of the draft Remedial Investigation and draft Feasibility Study, 9/24/84. P. 302286-302286.
163. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. A. E. Robb, Michael Baker, Jr., Inc., re: Transmittal of the September 1984 Progress Reports, 9/28/84. P. 302287-302292. The progress reports are attached.
164. Memorandum to Mr. Patrick R. Anderson, U.S. EPA, from Mr. Joseph P. Dugandzic, U.S. EPA, re: Support to evaluate the feasibility of constructing an on-site, RCRA approved landfill, 9/28/84. P. 302293-302293.
165. Handwritten meeting attendance sheet, 10/9/84. P. 302294-302294.

166. Memorandum to Mr. Joe Dugandzic, U.S. EPA, from Ms. Marilyn Plitnik, U.S. EPA, re: Completing review of the draft Remedial Investigation Report, 10/9/84. P. 302295-302295.
167. Letter to Mr. Joe Dugandzic, U.S. EPA, from Mr. Charles J. Culp, U.S. DOI, re: Fish and Wildlife Service's review of the draft Remedial Investigation and draft Feasibility Study for the site, 10/15/84. P. 302296-302297.
168. Memorandum to Mr. Steve Pedersen, NUS Corporation, from Mr. Gary Wojcik, NUS Corporation, re: Description of October 10, 1984, public meetings, 10/15/84. P. 302298-302298.
169. Letter to Mr. Thomas P. Pendergast, CONRAIL, from Mr. Art Robb, Michael Baker, Jr., Inc., re: Transmittal of 12 copies of Exhibit 9, the preliminary layout of the alternative that would affect Conrail the greatest with regard to property and track information, 10/15/84. P. 302299-302302.
170. Letter to Mr. Frank Tyson from Mr. Bruce Smith, U.S. EPA, re: Opportunity to comment on the draft Remedial Investigation and draft Feasibility Study, 10/17/84. P. 302303-302303.
171. Letter to Mr. Joe Dugandzic, U.S. EPA, from Mr. A. E. Robb, Michael Baker, Jr., Inc., re: Transmittal of draft Remedial Investigation and draft Feasibility Study, 10/18/84. P. 302304-302304.
172. Letter to Mr. Joe Dugandzic, U.S. EPA, from Mr. A. E. Robb, Michael Baker, Jr., Inc., re: Summary of the OVA readings of the test boring samples, 10/24/84. P. 302305-302311. Table 1 - Tyson's Dump Site, Summary of Organic Content of Test Boring Samples and their Respective Field OVA Readings, Table 2 - Subsurface Soils/Test Borings Comparisons of OVA Readings to Organic Content, and a list of calculations are attached.
173. Telephone conversation record of Mr. Gary Wojcik, NUS Corporation, and Mr. Joe Dugandzic, U.S. EPA, re: Proceeding with the Leachate Treatability Study and the assessment of the existing leachate treatment plant, 10/24/84. P. 302312-302312.

174. Letter to Mr. Bruce Smith, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: Closing of the RI/FS comment period on November 7, 1984, 10/26/84. P. 302313-302313.
175. Memorandum to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. Reinaldo A. Hernandez, U.S. EPA, re: Information that should be considered in the treatability study, 10/26/84. P. 302314-301314.
176. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. Joseph P. Dugandzic, U.S. EPA, re: Follow-up to the October 24, 1984 telephone conversation concerning Work Plan modification, 10/29/84. P. 302315-302316.
177. Letter to Mr. Joe Dugandzic, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Review comments made on the RI/FS, 10/31/84. P. 302317-302335. The comments are attached.
178. Letter to Mr. Bradford F. Whitman, Dechert, Price & Rhoads, from Mr. Ronald A. Landon, Environmental Resources Management, Inc., re: Submittal of the cost summary for the remedial action at the site, 11/2/84. P. 302336-302337.
179. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. Altaf A. Memon, PADER, re: Comments on the draft RI/FS, 11/2/84. P. 302338-302341.
180. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. Arthur E. Robb, Michael Baker, Jr., Inc., re: Transmittal of the October 1984 Progress Reports, 11/5/84. P. 302342-302348. The progress reports are attached.
181. Memorandum to Mr. Joe Dugandzic, U.S. EPA, from Mr. Dick Brunker, U.S. EPA, re: Recommended limits of the removal actions north of the railroad tracks at the site, 11/6/84. P. 302349-302349.
182. Letter to Mr. Bruce Smith, U.S. EPA, from Mr. Michael H. Malin, White and Williams, re: General Devices review of the draft Feasibility Study and denial of any responsibility pertaining to the site, 11/6/84. P. 302350-302350.
183. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: Submittal of Ciba-Geigy's comments on the draft RI/FS, 11/7/84. P. 302351-302374. The comments are attached.

184. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. Altaf A. Memon, PADER, re: Submittal of RI/FS comments, 11/7/84. P. 302375-302377.
185. Letter to Mr. Joseph Dugandzic, U.S. EPA, from Mr. William D. MacDonald, Keystone Water Company, 11/20/84. P.302378-302381. Figure III-1 approximate locations of sampled residential water supplies is attached.
186. Letter to Mr. Joe Dugandzic, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Submittal of additional RI/FS review comments, 11/23/84. P. 302382-302440. The comments are attached.
187. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. Arthur E. Robb, Michael Baker, Jr., Inc., re: Justification for infeasibility of contaminated waste incineration/thermal destruction, 11/26/84. P. 302441-302445.
188. Memorandum to Mr. Patrick Andersen, U.S. EPA, from Mr. Joseph P. Dugandzic, U.S. EPA, re: RCRA review of proposed CERCLA alternatives at the site, 11/27/84. P. 302446-302446.
189. Letter to Mr. Noel Urban, USCOE, from Mr. Paul Nadeu, U.S. EPA, re: Amendment to a U.S. Army Corp of Engineers work assignment, 11/30/84. P. 302447-302448.
190. Report: Proposal to Conduct a Leachate Treatability Study for Tyson's Dump Site Superfund Project, prepared by NUS Corporation, 12/84. P. 302449-302504.
191. Report: Site Conditions and Air Stripper Performance Monitoring, prepared by S&D Engineering Services Inc., 12/84. P. 302505-302533.
192. Work Assignment Status Report, Tyson's Dump Site, 12/84. P. 302534-302541.
193. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: Confirmation of meeting on December 10, 1985, to discuss technical comments regarding the site, 12/5/84. P. 302542-302542.
194. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. Arthur E. Robb, Michael Baker, Jr., Inc., re:

Transmittal of the November 1984 Progress Reports,
12/6/84. P. 302543-302549. The progress reports are
attached.

195. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. Arthur Robb, Michael Baker, Jr., Inc., re: Off-site excavation and rail costs for contaminant removal, 12/6/84. P. 302550-302553. A map of the site is attached.
196. Memorandum to Mr. Joe Dugandzic, U.S. EPA, from Mr. Dick Brunner, U.S. EPA, re: The hazards of the organics and inorganics in the site floodplain, 12/7/84. P. 302554-302555.
197. Memorandum to Mr. Abe Ferdas, U.S. EPA, from Mr. Frank Quirus, U.S. EPA re: RCRA evaluation of the on-site landfill alternative, 12/12/84. P. 302556-302569. The preliminary review of Tyson's Dump Site Feasibility Study on-site landfill alternatives is attached.
198. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: Ciba-Geigy's proposal for a modified Alternative 3 from the Feasibility Study, 12/13/84. P. 302570-302573.
199. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. C. J. Touhill, Michael Baker, Jr., Inc., re: Submittal of a treatability study proposal for the RI/FS project, 12/21/84. P. 302574-302574.
200. Memorandum to Mr. Joe Dugandzic, U.S. EPA, from Mr. Dick Brunner, U.S. EPA, re: Implications of a contamination level of 290ppb of Di-n-butyl phthalate in a soil sample, 12/31/84. P. 302575-302575.
201. Work Assignment Status Report, Tyson's Dump Site, 1/85. P. 302576-302577.
202. Letter to Mr. Joseph Dugandzic, U.S. EPA, from Mr. Robert Senovich, NUS Corporation, re: Proposed Scope of Work for the leachate treatability study to be conducted at the site, 1/2/85. P. 302578-302579.
203. Memorandum to Mr. Abraham Ferdas, U.S. EPA, from Mr. Frank J. Quirus, U. S. EPA, re: RCRA's evaluation of Alternatives # 2 and #3, 1/4/85. P. 302580-302589. The evaluation is attached.

204. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: Request for copies of various memoranda, 1/4/85. P. 302590-302590.
205. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. Arthur E. Robb, Michael Baker, Jr., Inc., re: Transmittal of the December 1984 Progress Reports, 1/7/85. P. 302591-302591. The progress reports are attached.
206. Letter to Mr. Randy Petersen, Omaha District USCOE, from Mr. Joseph P. Dugandzic, U.S. EPA, re: Confirmation of instructions to proceed with selection process for design work at the site, 1/8/85. P. 302592.
207. Letter to Mr. Andrew A. Chirls, Wolf, Block, Schorr & Solis-Cohen, from Mr. Bruce Smith, U.S. EPA, re: EPA's ROD for the site and the remedial actions chosen, 1/9/85. P. 302593-302593.
208. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Bradford F. Whitman, re: Confirmation of telephone requests, 1/9/85. P. 302594-302594.
209. Handwritten letter to Dan from Mr. Joe Dugandzic, U.S. EPA, re: Quality Assurance/Quality Control QA/QC review of pages 10 & 11, 1/9/85. P. 302595-302595.
210. Handwritten letter to Mr. Altaf Meron, PADER, from Mr. Joe Dugandzic, U.S. EPA, re: Transmittal of a copy of the ROD and a copy of the treatability study proposal, 1/9/85. P. 302596-302596.
211. Memorandum to U.S. Department of Commerce from W. G. Tracy, USCOE, re: Design description of cleanup project at the site, 1/11/85. P. 302597-302597.
212. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Bradford F. Whitman, re: Request for production of documents and interrogatories served on August 2, 1984 and November 28, 1984, 1/15/85. P. 302598-302599.
213. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: Response to January 9, 1985, letter of from Mr. Bruce

Smith, 1/17/85. P. 302600-302601.

- 214. Letter to Mr. Michael L. Martinez, U.S. DOJ, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: Response to the ROD received January 10, 1985, 1/22/85. P. 302602-302602.
- 215. Letter to Mr. Joseph Dugandzic, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Transmittal of the Proposed design schedule, 1/24/85. P. 302603-302604. The Design schedule is enclosed.
- 216. Letter to Mr. Joseph Dugandzic, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Transmittal of the soil and sampling recommendations, 1/25/85. P. 302605-302608. The recommendations are enclosed.
- 217. Procurement request/order, re: Contract/Work Plan Amendment #1, leachate treatability study, 1/28/85. P. 302609-302609.
- 218. Letter to Mr. Gary W. Wojcik, NUS Corporation, from Mr. Joseph P. Dugandzic, U.S. EPA, re: Notification of EPA's intent to procure additional engineering services for the subject project, 1/30/85. P. 302610-302611.
- 219. Letter to Mr. Thomas P. Pendergast, Conrail, from Mr. Joseph P. Dugandzic, U.S. EPA, re: Information on upcoming activities at the site, 1/30/85. P. 302612-302613.
- 220. Letter to Mr. Joseph Dugandzic, U.S. EPA, from Mr. G. W. Wojcik, NUS Corporation, re: Cost estimate for leachate treatability study, 1/30/85. P. 302614-302615.
- 221. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. Alan J. Shuckrow, Michael Baker, Jr., Inc., re: Addendum to the leachate treatability study proposal submitted to NUS on December 21, 1984, 1/31/85. P. 302616-302621. The addendum is attached.
- 222. Draft supplement to Appendix A, contract No. DACW45-85-C-XXXX, 2/85. P. 302622-302636.
- 223. Work Assignment Status Report, Tyson's Dump Site, 2/85.

P. 302637-302638.

- 224. Memorandum to Mr. Thomas P. Eichler, U.S. EPA, from Mr. Stephen R. Wassersug, U.S. EPA, re: Leachate treatability study - Amendment #1 to RI/FS Work Plan, 2/1/85. P. 302639-302640.
- 225. Evaluation of Risk Assessment Methodology, 2/5/85. P. 302641-302644.
- 226. Letter to Mr. Art Robb, Michael Baker, Jr., Inc., From Mr. Gary Wojcik, NUS Corporation, re: Instructions to prepare a scope of work, schedule, and cost estimate for the work described by Mr. Joseph Dugandzic in his January 30, 1985, letter, 2/6/85. P. 302645-302645.
- 227. Letter to Mr. Ed Shoener, U.S. EPA, from Mr. A. E. Robb, Michael Baker, Jr., Inc., re: Response to request for various documents, 2/6/85. P. 302646-302647.
- 228. Letter to Mr. Joseph Dugandzic, U.S. EPA, from Mr. Gary Wojcik, NUS Corporation, re: Modifications to the site treatability study, 2/6/85. P. 302648-302648.
- 229. Letter to Mr. Bradford F. Whitman, Dechert, Price & Rhoads, from Mr. Ronald A. Landon, Environmental Resources Management, Inc., re: Purge well testing at site, 2/6/85. P. 302649-302657.
- 230. Discrepancy Report, re: Boxes received at CompuChem Laboratories, 2/8/85. P. 302658-302658.
- 231. Letter to Mr. Joe Donovan, U.S. EPA, from Mr. Daniel J. Golden, Contractor Evidence Audit Team, re: Transmittal of documents received by Techlaw pertaining to the site, 2/8/85. P. 302659-302660. A chain of custody record is attached.
- 232. Letter to Mr. Joseph Dugandzic, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Transmittal of the revised design schedule, 2/11/85. P. 302661-302662. The revised schedule is attached.
- 233. Letter to Mr. Ronald G. Wagenmann, Upper Merion Township, from Mr. Joseph P. Donovan, U.S. EPA, re:

Information concerning radiation monitoring at the site, 2/12/85. P. 302663-302663.

- 234. Letter to Mr. Michael L. Martinez, U.S. DOJ, and Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: A copy of the Purge Well Testing Program proposed by Environmental Resources Management, Inc., 2/12/85. P. 302664-302664.
- 235. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Michael H. Malin, White & Williams, re: General Devices decision not to undertake remedial actions identified in the ROD, 2/14/85. P. 302665-302666.
- 236. Letter to Mr. Randy Petersen, USCOE, from Mr. Joseph P. Dugandzic, U.S. EPA, re: Request for design services provided by the U.S. Army Corp of Engineers to EPA as outlined in the December 1984 Interagency Agreement, 2/14/85. P. 302667-302668.
- 237. Letter to Mr. Joseph Dugandzic, U.S. EPA, from S. L. Carlock, USCOE, re: Transmittal of a draft request for a proposal letter and a draft scope of services for the site, 2/15/85. P. 302669-302669.
- 238. Letter to Mr. Bradford F. Whitman, Dechert, Price & Rhoads, from Mr. Michael L. Martinez, U.S. DOJ, re: The Government's decision not to purchase Tyson's Dump Site, 2/15/85. P. 302670-302670.
- 239. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. Arthur E. Robb, Michael Baker, Jr., Inc., re: Transmittal of the January 1985 Progress Reports, 2/15/85 P. 302671-302671. The progress report is attached.
- 240. Letter to Mr. Edward Shoener, U.S. EPA, from Mr. Gary Wojcik, NUS Corporation, re: Transmittal of requested data from the NUS Tyson's Dump RI/FS file, 2/15/85. P. 302672-302673.
- 241. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: Request for documents regarding possible excavation remedy, 2/21/85. P. 302674-302674.
- 242. Letter to Mr. Joe Donovan, U.S. EPA, from Mr. Alan J.

- Shuckrow, Michael Baker, Jr., Inc., re: Transmittal of the initial cost estimate calculations, contact reports with disposal site vendors, and excavation quantity estimate calculations for the RI/FS project, 2/22/85. P. 302675-302712. The initial cost estimate calculations, contact reports, disposal site vendors, and excavation quantity calculations, are attached.
243. Letter to Mr. Michael L. Martinez, U.S. DOJ, and Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: The excavation remedy decided upon in the ROD, 2/27/85. P. 302713-302714.
244. Letter to Mr. Bradford F. Whitman, Dechert, Price & Rhoads, from Mr. Edward S. G. Dennis, Jr., U.S. DOJ, re: The intention to proceed at the site as set forth in the ROD, 2/27/85. P. 302715-302715.
245. Letter to Mr. Randy Petersen, USCOE, from Mr. A. E. Robb, Michael Baker Jr., Inc., re: Transmittal of the project site baselines and copy of survey crew's notes, 2/27/85. P. 302716-302718.
246. Letter to Woodward-Clyde from Mr. J. J. Grasso, USCOE, re: Scope of Work at the site and a soil sampling plan, 2/27/85. P. 302719-302722.
247. Report: Studies of Four Off-site Operable Units at Tyson's Dump Site, prepared by Michael Baker Jr., Inc., 3/85. P. 302723-302784.
248. Tyson's Dump Superfund Site, Supplement to Appendix A, 3/85. P. 302785-302795.
249. Work Assignment Status Report, Tyson's Dump Site, 3/85. P. 302796-302797.
250. Letter to Mr. Joseph Dugandzic, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Transmittal of copies of the request for proposal letter and the soil sampling plan for the site, 3/1/85. P. 302798-302802. The the request for proposal and a design schedule are attached.
251. Letter to Mr. Gary Wojcik, NUS Corporation, from Mr. Arthur E. Robb, Michael Baker, Jr., Inc., re: Transmittal of the February 1985 Progress Reports, 3/4/85. P. 302803-302803. The progress reports are

attached.

- 252. Letter to Mr. Michael L. Martinez, U.S. DOJ, and Mr. Joseph J. C. Donovan, U.S. EPA, re: Summation of the previous weeks meeting and a request for a consultant to observe the soil sampling program, 3/4/85. P. 302804-302804.
- 253. Contract Status Notification, 3/15/85. P. 302805-302806. A voucher for transfers between appropriations and/or funds is attached.
- 254. Contract Status Notification, 3/15/85. P. 302807-302808. A voucher for transfers between appropriations and/or funds is attached.
- 255. Scope of Services for Contract No. DACW45-84-C-0129, Drilling and Sampling Analysis at Tyson's Dump, prepared by USCOE, 3/18/85. P. 302809-302814.
- 256. Contract Status Notification, 3/19/85. P. 302815-302816. A voucher for transfers between appropriations and/or funds is attached.
- 257. Contract Status Notification, 3/19/85. P. 302817-32818. A voucher for transfers between appropriations and/or funds is attached.
- 258. Letter to Mr. George J. Miller, Dechert, Price & Rhoads, from Mr. Ed Shoener, U.S. EPA, re: Preliminary plans for soil sampling and drilling, 3/21/85. P. 302819-302819.
- 259. Contract Status Notification, 3/21/85. P. 302820-302821. A voucher for transfers between appropriations and/or funds is attached.
- 260. Handwritten meeting notes, re: The RI/FS finalization meeting in Pittsburgh, 3/21/85. P. 302822-30224.
- 261. Letter to Mr. Joseph Dugandzic, U.S. EPA, from Mr. S.L. Carlock, USCOE, re: Transmittal of copies of the scope of services and project schedule for the site, 3/22/85. P. 302825-302847. Appendix A - scope of services is attached.
- 262. Letter to Mr. George J. Miller, Dechert, Price &

- Rhoads, from Mr. Ed Shoener, U.S. EPA, re: Final plans for soil sampling and drilling, 3/25/85.
P. 302848-302848.
263. Letter to Mr. Edward Schoener, U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: Acknowledgment of receipt of preliminary plans for soil sampling and drilling, 3/26/85. P. 302849-302849.
264. Progress Report, Work Assignment Nos. 48, 50, 119, and 120, 4/85. P. 302850-302852.
265. Report: Soil Sampling and Chemical Analysis Plan for Supplemental Site Investigations, Tyson's Dump Site, prepared by Woodward-Clyde Consultants, 4/85.
P. 302853-302963.
266. Contract Status Notification, 4/1/85.
P. 302964-302965. A voucher for transfers between appropriations and/or funds is attached.
267. Letter to Mr. Joseph Dugandzic, U.S. EPA, from Mr. S.L. Carlock, USCOE, re: Costs for drilling and the sample analysis for the site, 4/3/85. P. 302966-302967.
268. Handwritten comments of Ciba-Geigy, 4/3/85.
P. 302968-302968.
269. Letter to Mr. Joe Dugandzic, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Transmittal of the drilling and sampling analysis documents, 4/5/85. P. 302969-302971.
270. Letter to Mr. Bradford F. Whitman, Dechert, Price & Rhoads, from Mr. Ronald A. Landon, Environmental Resources Management, Inc., re: Discussion of the proposed EPA soil sampling program at the site, 4/10/85. P. 302972-302973.
271. Letter to Mr. Ed Shoener, U.S. EPA, from Mr. Rudolf M. Schuller, Environmental Resources Management Inc., re: Confirmation of April 11, 1985, conversation pertaining to Mr. Joe Ferry being on site, 4/11/85.
P. 302974-302974.
272. Handwritten meeting attendance sheet, 4/12/85.
P. 302975-302975.
273. Letter to Mr. Ed Shoener, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: Transmittal of technical comments relating to the soil sampling

- program at the site, 4/12/85. P. 302976-302977.
274. Letter to Mr. Bruce Laswell, SRW Associates, Inc., from Mr. S. L. Carlock, USCOE, re: Transmittal of documents for use in preparing a design services proposal, 4/15/85. P. 302978-302979.
275. Letter to Woodward-Clyde from Mr. Stanley L. Carlock, USCOE, re: Request for proposal for services that are not part of the Woodward-Clyde contract, 4/17/85. P. 302980-302981.
276. Handwritten site visit notes, Tyson's Dump, 4/18/85. P. 302982-302985. A site map is attached.
277. Contract Status Notification, 4/24/85. P. 302986-302987. A voucher for transfers between appropriations and/or funds is attached.
278. Letter to Woodward-Clyde from Mr. Stanley L. Carlock, USCOE, re: Request for proposal for services that are not part of the Woodward-Clyde contract, 4/25/85. P. 302988-302988.
279. Letter to Mr. Randy Petersen, USCOE, from Mr. Joseph P. Dugandzic, U.S. EPA, re: The work assignment being performed by Woodward-Clyde Consultants, 4/29/85. P. 302989-302990.
280. Letter to Mr. Bradford F. Whitman, Dechert, Price & Rhoads, from Mr. Edward Schoener, U.S. EPA, re: Transmittal of two letters regarding soil sampling and drilling from S. Carlock and J. Dugandzic, 4/30/85. P. 302991-302991.
281. Progress report, work assignment Nos. 48, 50, 119 and 120, 5/1-5/25/85. P. 302992-302994.
282. Report: Project for Performance of Remedial Response Activities of Uncontrolled Hazardous Substance, prepared by NUS Corporation, 5/85. P. 302995-303023. A cover letter is attached.
283. Contract Status Notification, 5/6/85. P. 303024-303025. A voucher for transfers between appropriations and/or funds is attached.

- 284. Memorandum to Regional Administrators, U.S. EPA, from Jack W. McGraw, U.S. EPA, re: Procedures for planning and implementing off-site response actions, 5/6/85. P. 303026-303035.
- 285. Notes from conversation with Mr. Glenn Holmes, re: The remediation of Tyson's Dump Site, 5/7/85. P. 303026-303035.
- 286. Letter to Mr. Joseph Dugandzic, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: The costs for drilling and sampling analysis and the design of the cleanup project, 5/20/85. P. 303036-303036.
- 287. REM/FIT zone contract TDD acknowledgement of completion, re: Air monitoring, 5/23/85. P. 303038-303038.
- 288. Progress report, 5/26/85-6/29/85. P. 303039-303040.
- 289. Letter to Mr. Joseph Dugandzic, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Cost breakdowns for the amended interagency agreement for the site, 5/31/85. P. 303041-303042.
- 290. Contract Status Notification, 5/31/85. P.303043-303044. A voucher for transfers between appropriations and/or funds is attached.
- 291. Memorandum to Mr. William J. Hoffman, U.S. EPA, from Mr. Abraham Ferdas, U.S. EPA, re: Review of floodplain/wetlands study proposal, 6/3/85. P. 303045-303045.
- 292. Contract Status Notification, 6/6/85. P. 303046-303047. A voucher for transfers between appropriations and/or funds is attached.
- 293. Superfund branch scientific & policy review form, re: Deep aquifer investigation, 6/6/85. P. 303048-303048.
- 294. Letter to Mr. Dwight Worley, PADER, from Mr. Arthur E. Robb, Jr., Michael Baker Jr., Inc., re: Summary of major activities associated with the selected remedial action for cleanup of the site, 6/11/85. P. 303049-303051.
- 295. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. Arthur E. Robb, Michael Baker Jr., Inc., re: Request

for clarification with regard to obtaining Federal permit applications, 6/11/85. P. 303052-303053.

296. Letter to Mr. Joe Dugandzic, U.S. EPA, from Mr. Charles J. Culp, U.S. DOI, re: Review of the Floodplain/Wetlands Ecological and Toxicological Studies, 6/14/85. P. 303054-303055.
297. Letter to Mr. Randy Petersen, USCOE, from Mr. James M. Roberts, SRW Associates, Inc., re: The value engineering review report concerning the site, 6/17/85. P. 303056-303062.
298. Report: Supplemental Site Assessment, Tyson's Dump Superfund site, prepared by Woodward-Clyde Consultants, 6/18/85. P. 303063-303284.
299. Letter to Mr. Joseph Dugandzic, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Transmittal of the Value Engineering Review Report prepared by SRW Associates, 6/24/85. P. 303285-303285.
300. Memorandum to Mr. Abraham Ferdas, U.S. EPA, from Mr. William J. Hoffman, U.S. EPA, re: The completed review of the floodplain/wetlands ecological and toxicological studies of the off-site area, 6/24/85. P. 303286-303292.
301. Letter to Mr. Randall K. Petersen, USCOE, from Mssrs. Gary Van Balen and Bruce H. Laswell, SRW Associates, Inc., re: Scope of services for work being performed, 6/26/85. P. 303293-303320.
302. Progress report, 6/30-7/27/85. P. 303321-303322.
303. Report: Coastal Hazardous Waste Site Review, edited by Mr. Robert Pavia and Ms. Lori Harris, 6/30/85. P. 3033233-303345. A cover letter is attached.
304. Report: Final Remedial Investigation Report, prepared by Michael Baker, Jr., Inc., 7/85. P. 303346-303698. A cover letter is attached.
305. Contract Status Notification, 7/3/85. P. 303699-303701. A voucher for transfers between appropriations and/or funds is attached.
306. Contract Status Notification, 7/3/85. P. 303702-303703. A voucher for transfers between

appropriations and/or funds is attached.

307. Letter to Mr. Randal K. Petersen, USCOE, from Mr. Joseph P. Dugandzic, U.S. EPA, re: Support of the decision to conduct a Value Engineering Study, 7/9/85. P. 303704-303705.
308. Letter to Mr. Bruce H. Laswell, SRW Associates, Inc., from Mr. S.L. Carlock, USCOE, re: The Army Corps of Engineers responses to five items in the June 26, 1985, letter concerning limits of excavation, boundaries, air quality standards, and disposal facilities, 7/15/85. P. 303706-303707.
309. Letter to Mr. Randal K. Petersen, USCOE, from Mr. Gary Van Balen, SRW Associates, Inc., re: Access to adjacent properties at the site, 7/15/85. P. 303708-303710.
310. Letter to Mr. Robert Ehlenberger, Woodward-Clyde Consultants, from Mr. S. L. Carlock, USCOE, re: Technical review comments for use in preparation of final report, 7/22/85. P. 303711-303718.
311. Letter to Mr. Charles Rehm, PADER, from Mr. Lawrence M. Berger, Michael Baker Jr., Inc., re: Establishment of effluent limitations for the discharge of treated leachate from the site, 7/22/85. P. 303719-303721.
312. Letter to Mr. Joseph Dugandzic, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Transmittal of a map and letter providing real estate information required to design and construct the clean-up project, 7/23/85. P. 303722-303722.
313. Letter to Mr. Randal K. Petersen, USCOE, from Mr. Joseph P. Dugandzic, U.S. EPA, re: The agreement to establish an eastern limit for excavation of contaminated soils just east of boring DH84-29 based on the review of the pre-design report, 7/25/85. P. 303723-303723.
314. Letter to Mr. Bruce H. Laswell, SRW Associates, Inc., from Mr. S. L. Carlock, USCOE, re: The eastern and western boundaries of the excavation site and a schedule for the site, 7/26/85. P. 303724-303731.
315. Letter to Mr. Arthur E. Robb, Michael Baker, Jr., Inc.,

from Mr. Joseph P. Dugandzic, U.S. EPA, re: Comments on further modification to the off-site operable unit proposal, 7/27/85. P. 303732-303733.

- 316. Monthly progress report, 7/28-8/31/85. P. 303734-303735.
- 317. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. A. E. Robb, Michael Baker, Jr., Inc., re: Delay of the completion of the treatability study for the site leachate treatment system, 7/29/85. P. 303736-303738.
- 318. Letter to Mr. Bruce Laswell, SRW Associates, Inc., from Mr. S. L. Carlock, USCOE, re: Air quality guidelines for the site project, 7/31/85. P. 303739-303740.
- 319. Letter to Mr. Bruce Laswell, SRW Associates, Inc., from Mr. S. L. Carlock, USCOE, re: Modification of contract for design of site project listing additional services, 7/31/85. P. 303741-303743.
- 320. Report: Supplemental Site Assessment, Tyson's Dump Superfund Site, King of Prussia, Pennsylvania, prepared by Woodward-Clyde Consultants, 8/85. P. 303744-303973.
- 321. Report: Draft Site Closure and Post Closure Plan; Site Specific Quality Management Plan; Site Specific Safety Plan, prepared by SRW Associates, 8/85. P. 303974-304140. A letter of transmittal is attached.
- 322. Report: Concept Design Analysis, Volume 1 of 3, prepared by SRW Associates, 8/85. P. 304141-304402. A letter of transmittal is attached.
- 323. Report: Concept Design Analysis, Volume 2 of 3, prepared by SRW Associates, 8/85. P. 304403-304666.
- 324. Report: Concept Design Analysis, Volume 3 of 3, prepared by SRW Associates, 8/85. P. 304667-304914.
- 325. Report: Concept Estimate, Volume 1 of 2, prepared by SRW Associates, 8/85. P. 304915-305136.
- 326. Report: Concept Estimate, Volume 2 of 2, prepared by SRW Associates, 8/85. P. 305137-305383.
- 327. Letter to Mr. Joseph Dugandzic, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Transmittal of revised design schedule for the site project, 8/1/85.

- P. 305384-305385.
328. Letter to Bradford F. Whitman, Dechert, Price & Rhoads, from Mr. Joseph J. C. Donovan, U.S. EPA, re: Transmittal of the cost estimates for the draft proposal for four off-site operable units, 8/7/85. P. 305386-305387.
329. Report: Proposed Remedial Investigation of Tysons Dump Site, Off-site Operable Units, prepared by Environmental Resources Management, Inc., 8/12/85. P. 305388-305953.
330. Meeting attendance sheet, Tyson's Dump Site, 8/13/85. P. 305954-305954.
331. Letter to Mr. Joseph Dugandzic, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Transmittal of two copies of the Final Sample Analysis Report for the site, 8/16/85. P. 305955-305955.
332. Handwritten memorandum to Mr. Tim Travers, U.S. EPA, from Mr. Joe Dugandzic U.S. EPA, re: Environmental Resources Management's draft proposal on the off-site operable units, 8/19/85. P. 305956-305957.
333. Letter to Mr. Arthur E. Robb, Michael Baker Jr., Inc., from Mr. Joseph P. Dugandzic, U.S. EPA, re: Transmittal of excerpts from most recent guidance for EPA's position regarding the site, 8/23/85. P. 305958-305958.
334. Letter to Mr. Joe Dugandzic, U.S. EPA, from Mr. Charles J. Culp, U.S. DOI, re: Review of Environmental Resources Management's proposal for investigating remediation at the site, 8/26/85. P. 305959-305959.
335. Letter to Ms. Karline K. Tierney, Ciba-Geigy, from Mr. Tim Travers, U.S. EPA, re: Review of the final Supplemental Site Assessment, 8/29/85. P. 305960-305961. Attachment A, comments to Environmental Resources Management's draft proposal for the off-site operable units is attached.
336. Letter to Mr. Bruce Laswell, SRW Associates, Inc., from Mr. S. L. Carlock, USCOE, re: Transmittal of Lehigh Electric Site - Phase II, Site Specific Quality Management Final Report and copy of the Army Corps of Engineers Regulations, 8/30/85. P. 305962-305962.

337. Report: Feasibility Study Final Report, for Tyson's Dump Site, prepared by Michael Baker, Jr., Inc., 9/85. P. 305963-306145. A cover letter is attached.
338. Report: Research and Development, Verified Reference Doses of the U.S. EPA, prepared by The ADI Group of the Risk Assessment forum, 9/85. P. 306146-306148.
339. Monthly progress Report, 9/1-9/28/85. P. 306149-306150.
340. Letter to Ms. Linda Boornazian, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: 30% concept design review conference for the site, 9/3/85. P. 306151-306151.
341. Letter to Mr. Altaf Memon, PADER, from Mr. Joseph P. Dugandzic, U.S. EPA, re: Transmittal of a copy of the Conceptual Design Plans for review and comments, 9/3/85. P. 306152-305152. Project schedule is attached.
342. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Costs for drilling and sampling analysis, breakdowns for EPA Form 1610-1 budget categories, transmittal of letter to Bruce Laswell, soil sampling plan, and project schedule, 9/4/85. P. 306153-306155.
343. Letter to Mr. Thomas P. Pendergast, CONRAIL, from Mr. Joseph P. Dugandzic, U.S. EPA, re: Transmittal of a copy of the Conceptual Design Plans for review and comment, 9/5/85. P. 306156-306156.
344. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Michael H. Malin, White and Williams, re: Request for a copy of the "Concept Design Analysis" report, 9/6/85. P. 306157-306157.
345. Memorandum to Mr. Joe Dugandzic, U.S. EPA, from Ms. Elizabeth Rhoads, U.S. EPA, re: Proposal for wetland evaluation at the site, 9/9/85. P. 306158-306161.
346. Handwritten notes, re: Floodplain and wetlands, 9/9/85. P. 306162-306162.
347. Letter to Mr. Timothy Travers, U.S. EPA, from Mr. Ronald A. Landon, Environmental Resources Management, Inc., re: Submittal of Environmental Resources

Management's qualifications and experience in performing RI/FS studies, 9/10/85. P. 306163-306179. The qualifications and experience are attached.

348. Handwritten note, re: Access to the site, 9/13/85. P. 306180-306200. The following are attached;

- a) a drawing entitled "Site Access Road Improvements Detail";
- b) a drawing entitled "Diversion Ditch A & B, Typical Section";
- c) a table entitled "Tyson's Dump Superfund Site Project Schedule For Drilling & Sampling Analysis, King of Prussia, PA";
- d) a Scope of Work;
- e) handwritten notes.

349. Memorandum to Mr. Joe Dugandzic, U.S. EPA, from Ms. Libby Rhoads, U.S. EPA, re: Reiteration of comments on the sampling proposals in a September 9, 1985, memorandum, 9/18/85. P. 306201-306205.

350. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Estimated construction costs for the project site cleanup, 9/24/85. P. 306206-306208.

351. Memorandum to All Counsel of Record from Ms. Ellen Guerin, Dechert, Price & Rhoads, re: Letter requesting EPA to halt further design work on alternative view of cost estimate, 9/24/85. P. 306209-306211.

352. Letter to Mr. Jack W. McGraw, U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: Request to suspend final design work on current remedy, 9/26/85. P. 306212-306218.

353. Letter to Mr. Joe Dugandzic, U.S. EPA, from Ms. Judy L. McArdle, PEI Associates, Inc., re: Request for a comprehensive handbook on leachate treatment for EPA's hazardous waste engineering research laboratory in Cincinnati, OH, 9/26/85. P. 306219-306219.

354. Progress Report, 9/29-10/26/85. P. 306220-36221.

355. Letter to Mr. C. E. Wogan, CONRAIL, from Ms. Ellen Guerin, Dechert, Price & Rhoads, re: Access to CONRAIL's property to conduct studies, 10/2/85. P. 306225-306225.
356. Letter to Mr. Gene Lucero, U.S. EPA, from Mr. Bruce Blanchard, U.S. DOI, re: Preliminary natural resources survey of the site conducted by U.S. DOI, 10/10/85. P. 306223-306224.
357. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Donald K. Joseph, Wolf, Block, Schorr & Solis-Cohen, re: Request for the five-volume USCOE Report, 10/10/85. P. 305225-306225.
358. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. Alan J. Shuckrow, Michael Baker, Jr., Inc., re: Revised Work Plans and cost estimates for the Deep Aquifer and floodplain/wetlands off-site operable units, 10/16/85. P. 306226-306240. The following are attached.
- a) Figure 2, Project Schedule for the Wetlands/Floodplain Study;
 - b) Table 1, Monitoring Well Cluster Depths below Ground Surface;
 - c) a map entitled Revised Deep Aquifer Study, Well Cluster Locations;
 - d) Table 2, Revised Manpower and Cost Estimates for the Deep Aquifer Investigation;
 - e) Table 3, Revised Manpower and Cost Estimates for the Wetlands/Floodplain Study;
 - f) a site map.
359. Letter to Timothy T. Travers, U.S. EPA, from Mr. Rudolf M. Schuller, Environmental Resources Management, Inc., re: Obtaining unanalyzed soil samples from the site, 10/16/85. P. 306241-306241.
360. Letter to Mr. David E. MacIntyre, NUS Corporation, from Mr. Joseph P. Dugandzic, U.S. EPA, re: Review and acceptance of the final Feasibility Study for the site, 10/17/85. P. 306242-306242.

361. Handwritten letter to Kathy from Mr. Joe Dugandzic, U.S. EPA, re: Minor comments to be recognized before approval of the Work Plan, 10/18/85. P. 306243-306247.
362. Contract Status Notification, 10/21/85. P. 306248-306249. A voucher for transfers between appropriations and/or funds is attached.
363. Letter to Mr. Russel H. Wyer, U.S. EPA, from Mr. Thomas C. Voltaggio, U.S. EPA, re: Explanation of Region III's position that the latest conceptual design cost estimate does not warrant a ROD amendment and comments presented by attorneys for Ciba-Geigy in a September 26, 1985 letter to Mr. Jack W. McGraw, 10/23/85. P. 306250-306252.
364. Contract Status Notification, 10/23/85. P. 306253-306254. A voucher for transfers between appropriations and/or funds is attached.
365. Report: Designer's Response to Concept Design Comments, Part 1, prepared by SRW Associates, 10/23/85. P. 306255-306371. A cover letter is attached.
366. Report: Designer's Response to Concept Design Comments, Part 2, prepared by SRW Associates, 10/23/85. P. 306372-306806.
367. Letter to Mr. J. Winston Porter, U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: Requesting a response from Mr. McGraw to a previous letter recommending that further design work be stopped, 10/25,85. P. 306807-306807.
368. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. Alan J. Shuckrow, Michael Baker, Jr., Inc., re: Amendment of the revised operable unit proposal dated October 16, 1985, 10/25/85. P. 306808-306820. The following are attached.
- a) Table 1, Revised Manpower and Cost Estimates for the Railroad Area Investigation;
 - b) Table 2, Cost Summary for Western Area Investigation;
 - c) Contract Pricing Proposal;
 - d) Exhibit 1-2, equipment costs;

- e) Exhibit 1-3, travel costs;
 - f) Exhibit 1-4, Second Tier Subcontractor Utilization;
 - g) Exhibit 1-5, other direct costs;
 - h) a map entitled "Revised Off-site Operable Units Sampling Locations".
369. Progress Report, 10/27-11/30/85. P. 306821-306822.
370. Handwritten letter to Don from Mr. Joseph Dugandzic, U.S. EPA, re: Informing Altaf Memon, PADER, of discussion to eliminate engineering and design money, 10/28/85. P. 306823-306823.
371. Letter to Mr. Altaf A. Memon, PADER, from Mr. Joseph P. Dugandzic, U.S. EPA, re: Transmittal of revisions along with the Operable Unit Work Plan, 10/29/85. P. 306824-306824.
372. Report: Additional Subsurface Exploration and Analysis, Tyson's Dump Superfund Project, Volume 1 of 3, prepared by SRW Associates, 11/1/85. P. 306825-306874. A transmittal letter is attached.
373. Report: Additional Subsurface Exploration and Analysis, Tyson's Dump Superfund Project, Volume 2 of 3, prepared by SRW Associates, 11/1/85. P. 306825-307274.
374. Report: Additional Subsurface Exploration and Analysis, Tyson's Dump Superfund Project, Volume 3 of 3, prepared by SRW Associates, 11/1/85. P. 307275-307673.
375. Letter to Mr. Lawrence M. Berger, Michael Baker, Jr., Inc., from Mr. Charles Rehm, PADER, re: Reply to July 22, 1985, letter requesting effluent criteria for the discharge of treated leachate from Tyson's Dump, 11/4/85. P. 307674-307675.
376. Memorandum to Peer Review group, U.S. EPA, from Mr. Tim Travers, U.S. EPA, re: Peer review meetings for the Tyson's draft Work Plan and Blosenski's draft Remedial Investigation Report, 11/5/85. P. 307676-307680. Some handwritten notes are attached.

377. Letter to Mr. Altaf A. Memon, PADER, from Mr. S. L. Carlock, USCOE, re: Transmittal of November 1985 Report on Additional Subsurface Exploration and Analysis, 11/6/85. P. 307681-307681.
378. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Transmittal of six copies of the November 1985 Report on Additional Subsurface Exploration and Analysis, 11/6/85. P. 307682-307682.
379. Memorandum to Ms. Lisa Woodson, U.S. EPA, from Mr. Craig Zamuda, U.S. EPA, re: Acceptable soil concentration levels at Tysons, 11/7/85. P. 307683-307685. Handwritten notes are attached.
380. Letter to Mr. George Miller, Dechert, Price and Rhoads, from Mr. Alan F. Hassett, Environmental Resources Management, Inc., re: Comments and review of the 30 percent design and cost estimate documentation prepared by SRW, 11/11/85. P. 307686-307687.
381. Letter to Mr. George J. Miller, Dechert, Price & Rhoads, from Mr. Alan F. Hassett, Environmental Resources Management, Inc., re: Comments based on review of 5-volume 30 percent design and cost estimate documentation, 11/11/85. P. 307688-307689.
382. Letter to Mr. James M. Seif, U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: Comments on 30 percent design and cost estimate documentation, 11/13/85. P. 307690-307691.
383. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: Copy of the letter proposed for Mr. Walter Kovalick, 11/13/85. P. 307692-307692.
384. Letter to Mr. Walter Kovalick, Jr., U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: Current principal alternative now being considered by Ciba-Geigy, 11/15/85. P. 307693-307696.
385. Handwritten meeting notes, between Ciba-Geigy, Environmental Resources Management, Inc. and U.S. EPA, re: Tyson's Site, 11/15/85. P. 307697-307698.
386. Letter to Mr. Timothy Travers, U.S. EPA, from Mr. Rudolf M. Schuller, Environmental Resources Management, Inc., re: Amendments to draft RI/FS Work Plan for the

- Deep Aquifer Study, 11/21/85. P. 307699-307711. A transmittal letter, a site map and the Supplemental Health and Safety Plan for the RI/FS are attached.
387. Letter to Mr. Joe Dugandzic, U.S. EPA, from Michael Baker, Jr., Inc., re: Transmittal of well keys and gate keys for the site, 11/26/85. P. 307712-307712.
388. REM/FIT Zone Contract TDD Acknowledgement of Completion, 11/29/85. P. 307713-307713.
389. Letter to Mr. Ronald G. Wagenmann, Upper Merion Township, from Mr. Edward Shoener, U.S. EPA, re: Written responses to questions asked by the Environmental Advisory Council, 11/29/85. P. 307714- 307718. Questions and answers are attached.
390. Monthly progress report, 12/1-12/28/85. P. 307719-307720.
391. Memorandum to Mr. Tim Travers, U.S. EPA, from Ms. Bettina Fletcher, U.S. EPA, re: Review of RI/FS Work Plan comments, 12/2/85. P. 307721-307736.
392. Letter to Mr. Altaf A. Memon, PADER, from Mr. Edward A. Twilley, S&D Engineering, re: Transmittal of report summarizing conditions and performance monitoring of the treatment system, 12/3/85. P. 307737-307745. Laboratory results and chain of custody records are attached.
393. Memorandum to Mr. Tim Travers, U.S. EPA, from Ms. Libby Rhoads, U.S. EPA, re: Wetlands Operable unit well installation, 12/3/85. P. 307746-307746.
394. Letter to Mr. George J. Miller, Dechert, Price & Rhoads, from Mr. Walter W. Kovalick, U.S. EPA, re: Attendance of the November 15, 1985, meeting, 12/4/85. P. 307747-307748. A list of meeting attendees is attached.
395. Memorandum to file, from Mr. Timothy Travers, U.S. EPA, re: Meeting on November 20, 1985, with PRP, 12/4/85. P. 307749-307750.
396. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. Michael H. Malin, re: Second request for a copy of the

Concept Design Analysis, 12/5/85. P. 307751-307751.

397. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. A. J. Shuckrow, Michael Baker, Jr., Inc., re: Submittal of the final RI/FS reports, 12/6/85. P. 307752-307752.
398. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. David E. MacIntyre, NUS Corporation, re: Request for work assignment change, 12/9/85. P. 307753-307754. The work assignment amendment form is attached.
399. Letter to Mr. Randal K. Peterson, USCOE, from Mr. Joseph P. Dugandzic, U.S. EPA, re: Amendments to the existing design scope of services for the site project, 12/9/85. P. 307755-307756.
400. Memorandum to Mr. Butch Byer, U.S. EPA, from Mr. Tim Travers, U.S. EPA, re: Assistance request from FIT office, 12/10/85. P. 307757-307758.
401. Letter to Ms. Karline K. Tierney, Ciba-Geigy, from Mr. Tim Travers, U.S. EPA, re: Comments on the draft RI/FS Work Plan for the off-site operable units, 12/12/85. P. 307759-307760.
402. Letter to Mr. Joseph P. Dugandzic, U. S. EPA, from Mr. Paul C. Chrostowski, ICF Clement, re: Transmittal of the Scope of Work, 12/12/85. P. 307761-307764. The scope of work is attached.
403. Contract Status Notification, 12/19/85. P. 307765-307766. A voucher for transfers between appropriations and/or funds is attached.
404. Letter to Mr. Bruce Laswell, SRW Associates, Inc., from Mr. Joseph J. Grasso, USCOE, re: Proposed modifications to SRW contract for the site, 12/24/85. P. 307767-307768.
405. Report: Risk Assessment Plan for Tyson's Dump Site, prepared by ICF, 12/24/85. P. 307769-307773.
406. Letter to Mr. Joseph J. Grasso, USCOE, from Mr. Bruce H. Laswell, SRW Associates, Inc., re: Response to RFP for risk assessment modification to Contract No. DACW45-85-C-0085 for the site, 12/27/85. P. 307774-307776.

407. Letter to Mr. Robert G. Ehlenberger, Woodward-Clyde Consultants, from Mr. Joseph P. Dugandzic, U.S. EPA, re: Consent to allow Ciba-Geigy corporation to take split samples from the samples taken during the Supplemental Site Assessment, 12/30/85. P. 307777-307777.
408. Monthly progress Report, re: RI/FS activities, 1/86. P. 307778-307779.
409. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. Paul C. Chrostowski, ICF Clement, re: Transmittal of preliminary assessment for the site, 1/3/86. P. 307780-307780.
410. Memorandum to Mr. Ray Wattras, NUS Corporation, from Haia Roffman, NUS Corporation, re: Comments on the site Endangerment Assessment, 1/6/86. P. 307781-307782.
411. Memorandum to Mr. Ray Wattras, NUS Corporation, from Haia Roffman, NUS Corporation, re: Review comments to the Tyson's Site operable unit Remedial Investigation Report, 1/6/86. P. 307783-307785.
412. Letter to Mr. George J. Miller, Dechert, Price & Rhoads, from Ms. Cynthia J. Giles, U.S. DOJ, re: Agreement to supply updated cost information and issues involving the possibility that the remedial phase of the cleanup may not have been appropriate given new information, 1/7/86. P. 307786-307787.
413. Handwritten memorandum to Mr. Dick Park from Mr. Jeffery Pike, re: Activities at the site, 1/8/86. P. 307788-307789.
414. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: Transmittal of the original and two copies of executed Consent Decree and the attached Work Plan, 1/9/86. P. 307790-307790.
415. Report: Vacuum Extraction Pilot Test, prepared by Terra Vac Inc., 1/9/86. P. 307791-307867. A cover letter is attached.
416. Memorandum to File from Mr. Jack W. McGraw, U.S. EPA, re: Clarification of the ROD and addressing the additional contamination found outside the former

- lagoon areas, 1/9/86. P. 307868-307870. A cover letter is attached.
417. Handwritten notes, re: Site activities, 1/13/86. P. 307871-307873.
418. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Risk Assessment costs negotiated with SRW Associates, Inc., 1/14/86. P. 307874-307875.
419. Handwritten notes, re: Vacuum extraction, 1/14/86. P. 307876-307876.
420. Letter to Mr. Harold Byer, U.S. EPA, from Mr. James Strickland, NUS Corporation, re: Status report of site activities on December 31, 1985, 1/21/86. P. 307877-307879. Two site maps are attached.
421. Letter to Mr. Harold Byer, U.S. EPA, from Mr. James Strickland, NUS Corporation, re: Status report of site activities on January 8, 1986, 1/21/86. P. 307880-307880.
422. Letter to Mr. Harold Byer, U.S. EPA, from Mr. James Strickland, NUS Corporation, re: Status report of site activities on January 3, 1986, 1/21/86. P. 307881-307884. Three site maps are attached.
423. Letter to Mr. Harold Byer, U.S. EPA, from Mr. James Strickland, NUS Corporation, re: Status report of site activities on January 13, 1986, 1/21/86. P. 307885-307885.
424. Handwritten comments re: Risk Assessment and off-site contamination, 1/21/86. P. 307886-307889.
425. Letter to Ms. Karline K. Tierney, Ciba-Geigy, from Mr. Tim Travers, U.S. EPA, re: Comments to the draft Work Plan for the RI/FS of the Tyson's Dump site, off-site operable units, 1/22/86. P. 307890-307892.
426. Letter to Mr. Paul Chrostowski, ICF Clement, from Mr. S.L. Carlock, USCOE, re: Transmittal of technical review comments on the Risk Assessment, 1/23/86. P. 307893-307895. The comments are attached.
427. Progress report, 1/26-2/22/86. P. 307896-307896.

428. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. Paul Chrostowski, ICF Clement, re: Transmittal of final Tyson's Dump Risk Assessment, 1/30/86. P. 307897-307898.
429. Report: Risk Assessment of the Tyson's Dump Site, prepared by ICF-Clement, 1/30/86. P. 307899-308086.
430. Report: Work Plan, Remedial Investigation/Feasibility Study of Alternatives, Optional Form 60, prepared by NUS Corporation, 2/86. P. 308087-308102. Two transmittal letters are attached.
431. Draft report: Treatability Study Report, Tyson's Dump Site, prepared by Michael Baker, Jr., Inc., 2/86. P. 308103- 308389. A transmittal sheet is attached.
432. Letter to Mr. Harold Byer, U.S. EPA, from Mr. James Strickland, NUS Corporation, re: Status report of site activities on January 28, 1986, 2/5/86. P. 308390-308391.
433. Memorandum to file from Mr. Jack W. McGraw, U.S. EPA, re: Clarification of the ROD, 2/6/86. P. 308392-308393.
434. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. David E. MacIntyre, NUS Corporation, re: Work assignment amendments #2 and #3, 2/10/86. P. 308394-308398. The work assignment amendment forms are attached.
435. Handwritten letter to Joe from Mr. Joe Dugandzic, U.S. EPA, re: A letter to George Miller, 2/12/86. P. 308399-308402. The letter is attached.
436. Handwritten notes, re: Terra-Vac Inc. analysis at the site, 2/13/86. P. 308403-308403.
437. Contract Status Notification, 2/19/85. P. 308404-30405. A voucher for transfers between appropriations and/or funds is attached.
438. Letter to Mr. Joe Dugandzic, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Transmittal of requested billing and funding information, 2/20/86. P. 308406-308419. Various cost information is attached.

439. Letter to Mr. Tim Travers, U.S. EPA, from Mr. James Strickland, NUS Corporation, re: Submittal of photographic log, 2/20/86. P. 308420-308432. The photographic log is attached.
440. Letter to Mr. Harold Byer, U.S. EPA, from Mr. James Strickland, NUS Corporation, re: A status report of site activities on January 30, 1986, 2/20/86. P. 308433-308433.
441. Letter to Mr. Harold Byer, U.S. EPA, from Mr. James Strickland, NUS Corporation, re: A status report of site activities on February 6, 1986, 2/20/86. P. 308434-308434.
442. Letter to Mr. Harold Byer, U.S. EPA, from Mr. James Strickland, NUS Corporation, re: A status report of site activities on February 13, 1986, 2/20/86. P. 308435-308435.
443. Progress report, 2/23-3/29/86. P. 308436-308436.
444. Draft Quality Assurance Project Plan Review, 2/27/86. P. 308437-308457.
445. Draft Quality Assurance Project Plan Review, 2/27/86. P. 308458-308475.
446. Report: Work Plan for Remedial Investigation/ Feasibility Study of the Tyson's Dump Site, Off-Site Operable Units, prepared by Environmental Resources Management, Inc., 3/86. P. 308476-308731.
447. Letter to Mr. Randal K. Peterson, USCOE, from Mr. Joseph P. Dugandzic, U.S. EPA, re: Authorization for the start-up of the Final Design phase for the site project, 3/5/86. P. 308732-308733.
448. Letter to Mr. Harold Byer, U.S. EPA, from Mr. James Strickland, NUS Corporation, re: Status report of site activities on March 3, 1986, 3/6/86. P. 308734-308735.
449. REM/FIT Zone Contract Technical Directive Document (TDD), re: Providing technical oversight at the subject site, 3/11/86. P. 308736-308736.
450. Report: Quality Assurance Project Plan, Remedial

Investigation/Feasibility Study, Off-Site Operable Units, Tyson's Dump Site, prepared by Environmental Resources Management, 3/13/86. P. 308737-308893. A cover letter is attached.

- 451. Letter to Mr. George J. Miller, Dechert, Price & Rhoads, from Mr. Rudolph M. Schuller, Environmental Resources Management, Inc., re: Requested review and evaluation of the Quality assurance documentation packets for site environmental samples, 3/13/86. P. 308894-308910.
- 452. Letter to Mr. Harold Byer, U.S. EPA, from Mr. James Strickland, NUS Corporation, re: Status report of site activities on March 7, 1986, 3/13/86. P. 308911-308911.
- 453. Letter to Mr. Randal K. Peterson, USCOE, from Mr. Gary L. Van Balen, SRW Associates, Inc., re: Estimate of excavation volume based on health risk criteria for the site, 3/14/86. P. 308914-308917.
- 454. Contract Status Notification, 3/14/86. P. 308918-308919. A voucher for transfers between appropriations and/or funds is attached.
- 455. Letter to Mr. J. Dugandzic, U.S. EPA, from Mr. Marvin Branscome, Research Triangle Institute, 3/14/86. P. 308920-308920.
- 456. Letter to Mr. Randal K. Peterson, USCOE, from Mr. Joseph P. Dugandzic, U.S. EPA, re: Requested revisions to the Final Design scope of work as they relate to February 6, 1986, memorandum from Mr. Jack W. McGraw, 3/17/86. P. 308921-308922.
- 457. Letter to Ms. Cynthia J. Giles, U.S. DOJ from Mr. Donald K. Joseph, Wolf, Block, Schorr & Solis-Cohen, re: Request for a copy of the additional subsurface exploration and analysis, 3/17/86. P. 308923-308925. The Wyeth Laboratories, Inc. Service List is attached.
- 458. Letter to Gary Van Balen, SRW Associates, Inc., from Mr. S. L. Carlock, USCOE, re: Transmittal of documents for use in preparation of the site plans and specifications, 3/19/86. P. 308926-308927.

459. Letter to Mr. Gary Van Balen, Michael Baker Jr., Inc., from Mr. Arthur E. Robb, Jr., Michael Baker Jr., Inc., re: Justification of request for budget supplement for Tyson's Dump final design activities, 3/20/86. P. 308928-308931.
460. Letter to Mr. Randal K. Petersen, USCOE, from Mr. Gary Van Balen, SRW Associates, Inc., re: Request for contract modification for the site, 3/21/86. P. 308932-30934.
461. Letter to Ms. Emily Chow, U.S. EPA, from Ms. Cynthia J. Giles, U.S. DOJ, re: Transmittal of a copy of NUS's response to Environmental Resources Management's letter for review and comment, 3/25/86. P. 308935-308942.
462. Monthly progress Report, 3/30-4/26/86. P. 308943-308943.
463. Report: Treatability Study Report, Tyson's Dump Site, prepared by Michael Baker, Jr., Inc., 4/86. P. 308944-309122.
464. Letter to Mr. Bruce Laswell, SRW Associates, Inc., from Mr. S. L. Carlock, USCOE, re: Request for proposal for services that are not a part of the contract, 4/1/86. P. 309123-309130.
465. Letter to Mr. Randal K. Peterson, USCOE, from Mr. Gary Van Balen, SRW Associates, Inc., re: Transmittal of 20 pages of information for use in establishing limit of excavation at the site, 4/8/86. P. 309131-309151.
466. Letter to Mr. Randal K. Peterson, USCOE, from Mr. Jeffrey Pike, U.S. EPA, re: Confirming modifying volume work for the remediation of additional soil quantities outside the former lagoons on the western end of the site, 4/16/86. P. 309152-309152.
467. Monthly Progress Report, 4/27/86-5/31/86. P. 309153-309153.
468. Handwritten memorandum to Emily from Sean, re: Transmittal of Tyson's Dump Site Information, 4/12/86. P. 309154-309157.

469. Tyson's Dump Superfund Site, Montgomery County, Pennsylvania, Proposed Design Schedule, 5/1/86. P. 309158-309158.
470. Memorandum to file from Mr. Jeffery Pike, U.S. EPA, re: Rainwater samples at the site, 5/1/86. P. 309159-309159.
471. Letter to Mr. Jeffrey Pike, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Negotiated design cost of \$24,963 for modification No. 0004 to the existing contract, 5/9/86. P. 309160-39161. The negotiated design cost is attached.
472. Letter to Mr. Randal Peterson, USCOE, from Mr. Jeffrey A. Pike, U.S. EPA, re: Comments on draft report entitled "Tyson's Dump Superfund Site Evaluation Based on Health Criteria," 5/16/86. P. 309162-309162.
473. Letter to Mr. Randal Peterson, USCOE, from Mr. Jeffrey A. Pike, U.S. EPA, re: Final limits of excavation at the site, 5/19/86. P. 309163-309164.
474. Memorandum to Mr. Tim Travers, U.S. EPA, from Ms. Libby Rhoads, U.S. EPA, re: Review of the RI/FS Work Plan, 5/24/86. P. 309165-309165.
475. Letter to Mr. Jeffrey A. Pike, U.S. EPA, from Mr. Gary Van Balen, SRW Associates, Inc., re: Soil excavation volumes of the proposed apron area at the site, 5/27/86. P. 309166-309166.
476. EPA work assignment completion report, re: Independent evaluation of a proposed method for conducting risk assessments at Superfund sites by testing the method in the field, 5/30/86. P. 309167-309170.
477. Report: Final Design Specifications, Volume 1 of 2, prepared by SRW Associates, 6/86. P. 309171-309450.
478. Report: Final Design Specifications, Volume 2 of 2, prepared by SRW Associates, 6/86. P. 309451-309769.
479. Report: Final Design SSSP, for COE Personnel, prepared by SRW Associates, Inc., 6/86. P. 309770-309851.
480. Report: Final Site Closure Plan and O & M Guidelines, prepared by SRW Associates, Inc., 6/86. P. 309852-309944.

481. Monthly status reports, re: CERCLA oversight for the reporting period of June 1986, 6/86. P. 309945-309969.
482. Handwritten meeting notes, 6/3/86. P. 309970-309970.
483. Report: Excavation Volume Study Based on Cancer and Other Human Health Risks, Tyson's Dump Site, prepared by SRW Associates, 6/4/86. P. 309971-310122.
484. Letter to Mr. Timothy T. Travers, U.S. EPA, from Mr. Rudolf M. Schuller, Environmental Resources Management, Inc., re: Organic chemicals found at the site that are missing toxicity constants, 6/4/86. P. 310123-310123.
485. Letter to Mr. Timothy Travers, U.S. EPA, from Ms. Susan Gilliland, Environmental Resources Management, Inc., re: Beginning work on Task 14 Floodplain/wetlands site reconnaissance and sediment sampling, 6/9/86. P. 310124-310124.
486. Telephone conversation record of Mr. Tim Travers, U.S. EPA, and Ms. Karline Tierney, Ciba-Geigy, re: Environmental Resources Management's work on the site, 6/9/86. P. 310125-310125.
487. Letter to Mr. James Snyder, PADER, from Mr. Tim Travers, U.S. EPA, re: Transmittal of the Consent Order and the Work Plan for the RI/FS, 6/9/86. P. 310126-310126.
488. Letter to Mr. Chris Derosa, U.S. EPA, from Mr. Tim Travers, U.S. EPA, re: Follow up to telephone conversation concerning Tysons Site, 6/9/86. P. 310127-310127.
489. Letter to Mr. Timothy Travers, U.S. EPA, from Ms. Susan Gilliland, Environmental Resources Management, Inc., re: The provision of laboratory services by the Academy of Natural Sciences for the floodplain/wetlands work, 6/10/86. P. 310128-310128.
490. Contract Status Notification, 6/11/86. P. 310129-310130. A voucher for transfers between appropriations and/or funds is attached.
491. Letter of Transmittal to Mr. Tim Travers, U.S. EPA, from Ms. Susan Gilliland, Environmental Resources Management, Inc., re: Transmittal of subcontractor

- qualifications, 6/12/86. P. 310131-310132. The qualifications are attached.
492. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: Transmittal of three copies of the Supplemental Work Plan submitted by Ciba-Geigy, 6/16/86. P. 310133-310133.
493. Letter to Mr. Jeffrey A. Pike, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Transmittal of the minutes from June 3, 1986, meeting, 6/16/86. P. 310134-310136.
494. Letter to Ms. Paula Luborsky, U.S. EPA, from Mr. Thomas L. Yohe, re: Transmittal of the results from three GC/MS evaluations on samples taken May 28th, 6/17/86. P. 310137-310140. The results are attached.
495. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: Transmittal of an Addendum to the RI/FS for the off-site operable units, 6/23/86. P. 310141-310141.
496. Letter to Mr. Timothy Travers, U.S. EPA, from Ms. Susan Gilliland, Environmental Resources Management, Inc., re: Initiating work on the railroad investigation soil borings, 6/24/86. P. 310142-310142.
497. Letter to Mr. Timothy Travers, U.S. EPA, from Ms. Susan Gilliland, Environmental Resources Management, Inc., re: Initiating work on the test pit excavations for the seep area investigation of operable unit #5, 6/24/86. P. 310143-310143.
498. Memorandum to Mr. Tim Travers, U.S. EPA, from Ms. Libby Rhoads, U.S. EPA, re: Ms. Susan Gilliland's questions and EPA's responses about toxicity testing, 6/25/86. P. 310144-310144.
499. Subcontractor qualifications for the Walton Corporation, 6/26/86. P. 310145-310145.
500. Report: Focused Feasibility Study, Tysons Dump Site, prepared by Michael Baker, Jr., Inc., 7/86. P. 310146-310163.
501. REM/FIT Zone Contract, Technical Directive Document, 7/2/86. P. 310164-310173. Attachment 2, a site map, Attachment 3, sample logs, and Attachment 4, a site

photograph, are attached.

502. Subcontractor qualifications for James M. Stewart, Inc., 7/2/86. P. 310174-310174.
503. Subcontractor qualifications for The Gaurdian Company, 7/7/86. P. 310175-310175.
504. Letter to Ms. Karline Tierney, Ciba-Geigy, from Mr. Rudolf M. Schuller, Environmental Resources Management, Inc., re: June 1986 Monthly Progress Report for the RI/FS study of the off-site operable units, 7/7/86. P. 310176-310237. Attachment A, existing monitoring well locations and Attachment B, preliminary groundwater results are attached.
505. Memorandum to Commander, U.S. Army Engineer District, from Mr. S. L. Carlock, USCOE, re: Update on status of site project, 7/8/86. P. 310238-310238.
506. Handwritten memorandum to Mr. Jeff Pike, U.S. EPA, from Mr. Tim Travers, U.S. EPA, re: Attorney's liability concern over the air stripper, 7/9/86. P. 310239-310239.
507. Letter to Mr. Jeffrey A. Pike, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Notice of Final Design (90%) review conference at SRW Associates, Inc., to be held July 23, 1986, 7/10/86. P. 310240-310241.
508. Letter to Mr. Timothy Travers, U.S. EPA, from Mr. George Miller, Dechert, Price & Rhoads, re: Transmittal of Ciba-Geigy's first monthly report with respect to the work being done on the off-site operable units, 7/10/86. P. 310242-310242.
509. Letter to Mr. Timothy Travers, U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: Transmittal of original and two copies of the addendum to the study plan for the site, 7/16/86. P. 310243-310243.
510. Contract Status Notification, 7/17/86. P. 310244-310245. A voucher for transfers between appropriations and/or funds is attached.

511. Memorandum to Pat Anderson, U.S. EPA, from Mr. Edmund Skernolis, U.S. EPA, re: Transmittal of the Feasibility Study to serve as a basis for the ROD, 7/17/86. P. 310246-310247. A description of work is attached.
512. Letter to Mr. Timothy Travers, U.S. EPA, from Mr. George Miller, Dechert, Price & Rhoads, re: The June Monthly Progress Report inappropriate attachment B and the transmittal of the proper Attachment B, 7/17/86. P. 310248-310329. The proper Attachment B is attached.
513. Memorandum to Mr. Tim Travers, U.S. EPA, from Ms. Linda, R. Papa, U.S. EPA, re: Risk assessment criteria information for specific compounds, 7/17/86. P. 310330-310340. The criteria information is attached.
514. Paper entitled "Tyson's Dump Cleanup Specification Review," 7/17/86. P. 310431-310342.
515. Paper entitled "Review of Design Analysis for Tyson's Dump Superfund Cleanup," 7/21/86. P. 310343-310344.
516. Letter to Mr. Bruce Laswell, SRW Associates, Inc., from Mr. S. L. Carlock, USCOE, re: Request for response to enclosed advanced set of review comments on the Final Design (90%) documents, 7/22/86. P. 310345-310346.
517. Letter to Mr. Timothy Travers, U.S. EPA, from Ms. Susan Gilliland, Environmental Resources Management, Inc., re: Beginning surveying work, 7/22/86. P. 310347-310347.
518. Letter to Mr. Joseph A. Ciccitto, *et. al.*, from Ms. Cynthia J. Giles, U.S. DOJ, re: Transmittal of the Focused Feasibility Study and announcement of a public meeting, 7/23/86. P. 310348-310348.
519. Letter to Mr. Gary Van Balen, SRW Associates, from Mr. J. T. Sullivan, CONRAIL, re: Comments on the Final Design Specifications and the Final Design Analysis, specifically related to CONRAIL, 7/23/86. P. 310349-310352. The comments are attached.
520. Letter to file from Mr. Jeffery Pike, U.S. EPA, re: The movement of 112 carbon canisters from off-site storage back to the site, 7/24/86. P. 310353-310353.

521. Letter to Mr. Timothy Travers, U.S. EPA, from Ms. Susan Gilliland, Environmental Resources Management, Inc., re: Plant species selected for bioaccumulation study at the site, 7/28/86. P. 310354-310354.
522. Handwritten note, re: Plant species selected for bioaccumulation study, 7/29/86. P. 310355-310355.
523. Letter to Mr. Harold Byer, U.S. EPA, from Mr. James Strickland, NUS Corporation, re: Status report of site activities on June 30 and July 1, 1986, 7/29/86. P. 310356-310360. Three site maps and a REM/FIT Zone Contract Technical Directive Document are attached.
524. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. John P. Judge, Cohen, Shapiro, Polisher, Shiekman & Cohen, re: Request for two documents referenced in the focused Feasibility Study, 7/30/86. P. 310361-310362.
525. Letter to Ms. Cynthia J. Giles, U.S. DOJ, from Mr. John P. Judge, Cohen, Shapiro, Polisher, Shiekman and Cohen, re: The deposition of Jeffery Pike, 7/30/86. P. 310363-310363.
526. Letter to Mr. Phil Campagna, U.S. EPA, from Mr. Jeffery Pike, U.S. EPA, re: Transmittal of the draft specs prepared for the Remedial Action at the site, 7/31/86. P. 310364-310364.
527. Letter to Mr. J. Winston Porter, U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: Request for extension to September 15, 1986, to evaluate Focused Feasibility Study regarding the site, 7/31/86. P. 310365-310367.
528. Report: Final Design Analysis, Volume 1 of 3, prepared by SRW Associates, 8/86. P. 310368-310629. A cover letter is attached.
529. Report: Final Design Analysis, Volume 2 of 3, prepared by SRW Associates, 8/86. P. 310630-310849.
530. Report: Final Design Analysis, Volume 3 of 3, prepared by SRW Associates, 8/86. P. 310850-311089.
531. Report: Final Design Estimate, Volume 1 of 2, prepared

- by SRW Associates, 8/86. P. 311090-311340.
532. Report: Final Design Estimate, Volume 2 of 2, prepared by SRW Associates, 8/86. P. 311341-311593.
533. Handwritten note to Randy from Mr. Jim Przybylowski with three items attached: Bidding schedule, submittal section, and weather data for the site, 8/1/86. P. 311594-311598.
534. Letter to Mr. Bruce Laswell, SRW Associates, Inc., from Mr. S. L. Carlock, USCOE, re: Transmittal of an additional set of technical review comments made on the Final Design (90%) documents, 8/1/86. P. 311599-311603.
535. Letter to Ms. Cynthia J. Giles, U.S. DOJ, from Mr. Donald K. Joseph, Wolf, Block, Schorr, & Solis-Cohen, re: First review of the Focused Feasibility Study, 8/1/86. P. 311604-311606.
536. Letter to Mr. Donald K. Joseph, Wolf, Block, Schorr & Solis-Cohen, from Mr. George J. Miller, Dechert, Price & Rhoads, Transmittal of the first report which Ciba-Geigy has made to EPA, 8/1/86. P. 311607-311607.
537. Handwritten meeting attendance sheet, 8/4/86. P. 311608-311608.
538. Letter to Mr. George J. Miller, Dechert, Price & Rhoads, from Mr. Jack W. McGraw, U.S. EPA, re: Response to letter dated September 26, 1985 concerning the suspension of final design work until further alternatives can be more fully examined, 8/4/86. P. 311609-311616. Enclosure 1, a table of costs, Enclosure 2, Tyson's Dump Site Bidding Schedule, and Enclosure 3, memorandum dated February 6, 1986, are attached.
539. Memorandum to file from Mr. John P. Judge, re: Minutes of August 4, 1986 meeting between EPA staff and PRP representatives, 8/5/86. P. 311617-311623.
540. Letter to Mr. Jeffrey A. Pike, U.S. EPA, from Mr. Gary Van Balen, SRW Associates, Inc., re: Additional final design comments concerning the site, 8/5/86. P. 311624-311624.

541. Letter to Mr. Jeffrey A. Pike, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Transmittal of documents provided to SRW Associates, Inc., at July 23, 1986 final design review conference, 8/5/86. P. 311625-311632.
542. Letter to Ms. Cynthia J. Giles, U.S. DOJ, from Mr. John P. Judge, Cohen, Shapiro, Polisher, Shiekman & Cohen, re: Reiteration of the request for the EPA to make available any and all documents pertaining to the site, 8/5/86. P. 311633-311634.
543. Record of Communication to file from Mr. Jeffrey A. Pike, re: Tyson's cost estimate, 8/6/86. P. 311635-311635.
544. Letter to Mr. Bruce Laswell, SRW Associates, Inc., from Mr. S. L. Carlock, USCOE, re: Transmittal of a set of cost estimating review comments, 8/7/86. P. 311636-311638.
545. Letter to Mr. Duane Siler, Patton, Boggs & Blow, from Mr. Joseph J. C. Donovan, U.S. EPA, re: Oversized maps in the five volumes that address the 90% Design for the site, 8/7/86. P. 311639-311639.
546. Letter to Whom It May Concern from Mr. Joseph J. C. Donovan, U.S. EPA, re: Transmittal of a letter referred to at the EPA/PRP August 4, 1986, meeting, 8/7/86. P. 311640-311640.
547. Letter to Ms. Cynthia J. Giles, U.S. DOJ, from Mr. Andrew A. Chirls, Wolf, Block, Schorr, & Solis-Cohen, re: Request for diagrams pertaining to the 90% design documents, 8/8/86. P. 311641-311641.
548. Letter to Ms. Cynthia J. Giles, U.S. DOJ, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: A list of missing items in the 90% Design documents and request for the missing items, 8/8/86. P. 311642-311642.
549. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. John P. Judge, Cohen, Shapiro, Polisher, Shiekman & Cohen, re: Transmittal of the original maps for the Design Analysis, 8/8/86. P. 311643-311643.

550. Letter to Mr. Timothy Travers, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price and Rhoads, re: Transmittal of the second monthly progress report, 8/8/86. P. 311644-311727. The monthly progress report is attached.
551. Memorandum to Mr. Tim Travers, U.S. EPA, from Ms. Libby Rhoades, U.S. EPA, re: Proposed change in vegetation sampling at the site, 8/8/86. P. 311728-311728.
552. Letter to Ms. Cynthia J. Giles, U.S. DOJ, from Mr. Hershel J. Richman, Cohen, Shapiro, Polisher, Shiekman, & Cohen, re: Obtaining a response to Mr. John Judge's August 5, 1986, letter and arranging interviews with relevant past and present employees of EPA, 8/8/86. P. 311729-311732. A Notice of Deposition, Civil Action No. 84-2663 is attached.
553. Letter to Ms. Cynthia J. Giles, U.S. DOJ, from Mr. Andrew A. Chirls, Wolf, Block, Schorr, & Solis-Cohen, 8/8/86. P. 311733-311733.
554. Memorandum to file from Mr. Joseph J. C. Donovan, U.S. EPA, re: Documents given to PRPs in connection with Focused Feasibility Study through August 8, 1986, 8/12/86. P. 311734-311735.
555. Contract Status Notification, 8/13/86. P. 311736-311737. A voucher for transfers between appropriations and/or funds is attached.
556. Letter to Mr. Bradford F. Whitman, Dechert, Price & Rhoads, from Mr. Edward S. G. Dennis, Jr., U.S. DOJ, re: Unavailability of a cost breakdown for bidding purposes, 8/13/86. P. 311738-311739.
557. Contract Status Notification, 8/13/86. P. 311740-311741. A voucher for transfers between appropriations and/or funds is attached.
558. Letter to Mr. John Judge, Cohen, Shapiro, Polisher, Shiekman & Cohen, from Mr. Joseph J. C. Donovan, U.S. EPA, re: Transmittal of an additional copy of the Feasibility Study, 8/14/86. P. 311742-311742.
559. Letter to Mr. Hershel Richman, Cohen, Shapiro, Polisher, Shiekman & Cohen, from Ms. Cynthia J. Giles, U.S. DOJ, re: Response to letters dated August 5 and 8

- 1986 requesting information from EPA, 8/14/86. P. 311743-311747. A meeting attendance sheet is attached.
560. Letter to all counsel of record, from Mr. Hershel J. Richman, Cohen, Shapiro, Polisher, Shiekman & Cohen, re: Possible extension of the comment period to September 15, 1986, 8/15/86. P. 311748-311748.
561. Letter Mr. Joseph J. C. Donovan, U.S. EPA, from Mr. John Judge, Cohen, Shapiro, Polisher, Shiekman & Cohen, re: Transmittal of a copy of the Feasibility Study Final Report, 8/15/86. P. 311749-311750.
562. Letter to Ms. Cynthia J. Giles, U.S. DOJ, from Mr. Hershel Richman, Cohen, Shapiro, Polisher, Shiekman & Cohen, re: Requests for information from EPA previously addressed in an August 14, 1986, letter, 8/15/86. P. 311751-311753.
563. Handwritten memorandum to Mr. Jeff Pike, U.S. EPA, from Mr. Gary Moulder, re: Transmittal of a copy of a letter sent to Ms. Linda Root, 8/18/86. P. 311754-311755. The letter is attached.
564. Memorandum to Tim from Mr. Jeff Pike, U.S. EPA, re: Ciba-Geigy operable unit studies will address Conrail's concerns on total site cleanup, 8/18/86. P. 311756-311756.
565. Letter to Mr. Don Becker, PADER, from Mr. Edmond Skernolis, U.S. EPA, re: Transmittal of a draft ROD for comment, 8/19/86. P. 311757-311757.
566. Letter to Mr. Jeff Pike, U.S. EPA, from Mr. Arthur E. Robb, Jr., Michael Baker, Jr., Inc., re: Transmittal of a letter requested by CONRAIL concerning access to site, 8/20/86. P. 311758-311758.
567. Letter to Mr. Jack W. McGraw, U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: An argument against adoption of a remedy or partial remedy at this time, 8/21/86. P. 311759-311760.
568. Letter to Ms. Cynthia J. Giles, U.S. DOJ, from Mr. Donald K. Joseph, Wolf, Block, Schorr & Solis-Cohen, re: Vehement objection to EPA's letter of August 14, 1986 concerning EPA's cooperative nature toward the PRPs, 8/21/86. P. 311761-311774. The Wyeth

Laboratories Service list is attached.

- 569. Letter to Mr. Hershel Richman, Cohen, Shapiro, Polisher, Sheikman & Cohen, from Ms. Cynthia J. Giles, U.S. DOJ, re: Agreement to review EPA's records for relevant and non-privileged documents, 8/21/86. P. 311775-311776.
- 570. Letter to Mr. George J. Miller, Dechert, Price & Rhoads, from Mr. Edward S. G. Dennis, Jr., U.S. DOJ, re: Interest in a proposal to meet and discuss Ciba-Geigy comments concerning the Focused Feasibility Study, 8/22/86. P. 311777-311777.
- 571. Letter to Mr. Jeff Pike, U.S. EPA, from Ms. Cynthia J. Giles, U.S. DOJ, re: Finalization of meeting on September 2, 1986, 8/22/86. P. 311778-311778.
- 572. Letter to all counsel from Ms. Cynthia J. Giles, U.S. DOJ, re: Extension of the comment period to September 15, 1986, 8/22/86. P. 311779-311779.
- 573. Letter to Ms. Cynthia J. Giles, U.S. DOJ, from Mr. George J. Miller, Dechert, Price & Rhoads, re: Pre-trial request for information on air stripper system, 8/25/86. P. 311780-311780.
- 574. Letter to Mr. George J. Miller, Dechert, Price & Rhoads, from Mr. Edward S. G. Dennis, Jr., U.S. DOJ, re: Pushing back the date to commence remedial construction at the site, 8/25/86. P. 311781-311781.
- 575. Letter to Mr. George Miller, Dechert Price & Rhoads, from Mr. Alan F. Hassett, Environmental Resources Management, Inc., re: Review of the Final Design Analysis, the Final Design Specifications and the Construction Drawings, 8/26/86. P. 311782-311796. The Independent Equipment Corp. scope of services is attached.
- 576. Letter to Mr. Jeffery Pike, U.S. EPA, from Mr. George Miller, Dechert, Price & Rhoads, re: Transmittal of Ciba-Geigy's comments on the 90% design package, 8/28/86. P. 311797-311797.
- 577. Letter to Mr. Jeffrey A. Pike, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Estimated construction costs based on the Final Design (90%) cost estimate, 8/28/86. P. 311798-311800.

578. Letter to Mr. Jeffrey A. Pike, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Amendment to existing IAG to include an additional \$15,465 for design, 8/29/86. P. 311801-311801.
579. Letter to Ms. Cynthia J. Giles, U.S. DOJ, from Mr. George J. Miller, Dechert, Price & Rhoads, re: A meeting with EPA staff scheduled for September 8, 1986, 8/29/86. P. 311802-311802.
580. Letter to Hershel Richman, Cohen, Shapiro, Polisher, Sheikman & Cohen, from Ms. Cynthia J. Giles, U.S. DOJ, re: The relevance of Mr. Joe Dugandzic's presence in a meeting related to the site, 8/29/86. P. 311803-311803.
581. Letter to Mr. Donald Joseph, Wolf, Block, Schorr & Solis-Cohen, from Ms. Cynthia J. Giles, U.S. DOJ, re: Clarification of issues surrounding the release of the final Risk Assessment, 8/29/86. P. 311804-311806.
582. Letter to Mr. Joseph Dugandzic, U.S. EPA, from Mr. Harry K. Yentzer, Reading Real Estate Company, re: Consideration of the sale of 3.31 acres to the EPA for \$1,000, 8/29/86. P. 311807-311807.
583. Handwritten notes regarding EPA's comments on the Focused Feasibility Study, 9/86. P. 311808-311832.
584. Report: Comments of Wyeth Laboratories, Inc., Focused Feasibility Study, Distributed July 23, 1986, prepared by attorneys for Wyeth Laboratories, Inc., 9/86. P. 311833-311845.
585. Report: Subsurface Contamination By Dense Non-Aqueous Phase Liquid (DNAPL) Chemicals at Tyson's Site, Montgomery County, Pennsylvania, prepared by Mr. Stan Feenstra and Mr. John A. Cherry, 9/2/86. P. 311846-311914.
586. Letter to Ms. Karline Tierney, Ciba-Geigy Corporation, from Mr. Paul T. Jarrett, Aware Inc., re: Presentation of the finding of Aware's investigations into the vapor stripping of contaminated soil samples from the site, 9/2/86. P. 311915-311920. Table 1 - Soil Characterization Results, Table 2 - Results of Preliminary Soil Stripping Results and Figure 1 - Vapor Stripping Apparatus are attached.

587. Letter to Mr. George J. Miller, Dechert, Price & Rhoads, from Mr. Stan Feenstra, Zenon Environmental Inc., re: Comments on the Remedial Investigation, Focused Feasibility Study, and Risk Assessment report, 9/2/86. P. 311921-311925.
588. Handwritten meeting attendance sheet, 9/2/86. P. 311926-311926.
589. Handwritten meeting attendance sheet, 9/3/86. P. 311927-311927.
590. Letter to Mr. Thomas C. Voltaggio, Mr. Tim Travers and Mr. Jeff Pike, U.S. EPA, from Ms. Cynthia J. Giles, U.S. DOJ, re: Transmittal of a letter from Mr. George Miller, 9/3/86. P. 311928-311928.
591. Memorandum to file from JPJ, re: Summarization of the questions and answers at EPA's informational meeting about the Focused Feasibility Study on September 2, 1986. 9/4/86. P. 311929-311940.
592. Letter to Mr. George Miller, Dechert, Price & Rhoads, from Mr. Stavros S. Papadopoulos, S.S. Papadopoulos & Associates, Inc., re: Review of the final Remedial Investigation, the draft Feasibility Study, the Risk Assessment Final Report and the Focused Feasibility Study, 9/4/86. P. 311941-311958. A list of qualifications is attached.
593. Letter to Mr. Randal K. Peterson, USCOE, from Mr. Jeffrey A. Pike, U.S. EPA, re: Copy of comments made by consultant reviewing the 90 percent design documents, 9/5/86. P. 311959-311961.
594. Letter to addressees from Mr. Tim Travers, U.S. EPA, re: Meeting scheduled for September 10, 1986, 9/9/86. P. 311962-311962.
595. Paper entitled Tyson's Dump Superfund Site Access Road Along CONRAIL Tracks, 9/9/86. P. 311966-311966. A drawing entitled "Railroad Siding/Access Road - Typical Section" and some handwritten notes concerning the road are attached.
596. Letter to Mr. Donald Joseph, Wolf, Block, Schorr & Solis-Cohen, Mr. Michael Malin, White & Williams, Mr.

John Judge, Cohen, Shapiro, Polisher, Sheikman & Cohen, Mr. George Miller, Dechert, Price & Rhoads, and Mr. Duane Siler, Patton, Boggs & Blow, from Ms. Cynthia J. Giles, U.S. DOJ, re: Transmittal of September 8, 1986, meeting attendance sheet, 9/9/86. P. 311967-311968. The attendance sheet is attached.

- 597. Letter to Mr. Timothy Travers, U.S. EPA, from Mr. George Miller, Dechert, Price & Rhoads, re: Transmittal of Ciba-Geigy Corporation's third monthly progress report, 9/9/86. P. 311969-311972. The progress report is attached.
- 598. Report: Comments on EPA's Focused Feasibility Study, Tyson's Lagoon Site, prepared by Earth Data Incorporated, 9/10/86. P. 311973-312002.
- 599. Handwritten notes regarding action at the site, 9/10/86. P. 312003-312006.
- 600. Report: Response to EPA's Focused Feasibility Study for the Tyson's Site, prepared by Environmental Resources Management, Inc., 9/10/86. P. 312007-312043.
- 601. Letter to Ms. Cynthia J. Giles, U.S. DOJ, from Mr. John P. Judge, Cohen, Shapiro, Polisher, Shiekman & Cohen, re: Confirmation of September 10, 1986 conversation concerning request for EPA to extend the public comment period, 9/11/86. P. 312044-312044.
- 602. Letter to Mr. John P. Judge, Cohen, Shapiro, Polisher, Shiekman & Cohen, from Ms. Cynthia J. Giles, U.S. DOJ, re: EPA's refusal to an indefinite extension of the comment period, 9/12/86. P. 312045-312045.
- 603. Letter to Mr. Hershel J. Richman, Cohen, Shapiro, Polisher, Shiekman & Cohen, from Mr. Richard G. Luthy, Carnegie Mellon, re: Transmittal of comments on EPA's Focused Feasibility Study, 9/12/86. P. 312046-312070. The comments are attached.
- 604. Letter to Mr. Donald K. Joseph, Wolf, Block, Schorr, & Solis-Cohen, from Mr. Marwan M. Sadat, Dynamic Environmental Systems, Inc., re: Review of the Remedial Investigation Report, Feasibility Study, Focused Feasibility Study, and the Risk Assessment,

9/13/86. P. 312071-312078. A list of qualifications is attached.

605. Report: Critique of ICF-Clement's Risk Assessment of the Tyson's Site, prepared by Environmental Resources Management, Inc., 9/14/86. P. 312079-312101.
606. Letter to Mr. Jeffery Pike, U.S. EPA, from Ms. Karline Tierney, Ciba-Geigy, re: Transmittal of Ciba-Geigy's comments on the Focused Feasibility Study and the Risk Assessment, 9/15/86. P. 312102-312117. The comments are attached.
607. Letter to Mr. Jeffery Pike, U.S. EPA, from Mr. Hershel J. Richman, Cohen, Shapiro, Polisher, Shiekman & Cohen, re: Transmittal of two copies of SmithKline Beecham Corporation's public comments, 9/15/86. P. 312118-312134. The comments are attached.
608. Letter to Mr. Stanley L. Laskowski, U.S. EPA, from Mr. Duane A. Siler, Patton, Boggs & Blow, re: The Essex Group's comments on the Focused Feasibility Study, 9/15/86. P. 312135-312151.
609. Letter to Mr. Donald K. Joseph, Wolf, Block, Schorr & Solis-Cohen, from Mr. James E. Smith, Walter B. Satterthwaite Associates, Inc., re: Review of the Focused Feasibility Study, 9/15/86. P. 312152-312169. A statement of qualifications is attached.
610. Letter to Mr. Donald K. Joseph, Wolf, Block, Schorr & Solis-Cohen, from Mr. Stanley C. Glauser, re: Review of the effects of benzene and benzene exposures on human beings, 9/15/86. P. 312170-312182.
611. Telephone conversation record of Ms. Diane Pickens, and Ms. Libby Rhoads, U.S. EPA, re: Work activities at the site, 9/16/86. P. 312183-312183.
612. REM/FIT Zone Contract, TDD Acknowledgement of Completion, re: Subcontracting services task completion, 9/16/86. P. 312184-312184.
613. Letter to Ms. Cynthia J. Giles, U.S. DOJ, from Mr. Donald K. Joseph, Wolf, Block, Schorr & Solis-Cohen, re: Transmittal of Wyeth Laboratories' comments on the Focused Feasibility Study, 9/16/86. P. 312185-31240.
614. Telephone conversation record of Ms. Diane Pickens and

- Mr. Tim Travers, U.S. EPA, re: Work activities at the site, 9/19/86. P. 312241-312241.
615. Telephone conversation record of Ms. Diane Pickens and Mr. Dave Blye re: Work activities at the site, 9/19/86. P. 312242-312242.
616. Discussion conversation record of Ms. Diane Pickens and Ms. Tina Fletcher, re: Work activities at the site, 9/19/86. P. 312243-312243.
617. Memorandum to file from Mr. Jeffrey A. Pike, U.S. EPA, re: Tyson's IAG Amendment, 9/22/86. P. 312244-312244.
618. Letter to Mr. Stephen R. Wassersug, U.S. EPA, from Mr. Rolf Bernegger, Ciba-Geigy, re: Recent significant findings of non-aqueous liquids (DNAPL) deep in bedrock, 9/22/86. P. 312245-312246.
619. Letter to Mr. Harold Byer, U.S. EPA, from Mr. Brian Fitzpatrick, NUS Corporation, re: Activities at the site, 9/25/86. P. 312247-312721. The following are attached:
- a) Attachment 1 - REM/FIT Zone Contract, Technical Directive Document (TDD);
 - b) Attachment 2 - a site location map and a drum location map;
 - c) Attachment 3 - sample log sheets;
 - d) Attachment 4 - sample logs and quality assurance reviews for all samples collected.
620. Letter to Mr. Tim Travers, U.S. EPA, from Mr. Rudolf M. Schuller, Environmental Resources Management Inc., re: Transmittal of a map showing approximate locations of the residential/commercial wells from which Environmental Resources Management would like to take samples, 9/26/86. P. 312722-312726. The map and addresses for the Well Inventory are attached.
621. Letter to Dr. J. Winston Porter, U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: Feasibility of air stripping versus excavation of volatile chemicals at the site, 9/29/86. P. 312727-312727.

622. Letter to Mr. James Seif, U.S. EPA, from Mr. Nicholas DeBenedictis, PADER, re: Support for contaminated soil removal by rail, 10/01/86. P. 312728-312728.
623. Memorandum to Mr. Tim Travers, U.S. EPA, from Ms. Libby Rhoades, U.S. EPA, re: September 16, 1986 telephone conversation concerning analytical methods for biological samples, 10/1/86. P. 312729-312729.
624. Letter to Mr. Bruce Laswell, SRW Associates, Inc., from Mr. S. L. Carlock, USCOE, re: Request for proposal for services that are not part of the contract, 10/3/86. P. 312730-312733.
625. Letter to Mr. Gary Van Balen, SRW Associates, from Mr. T.P. Pendergast, CONRAIL, re: Transmittal of two copies of the Reading Quarter Section Sheets, 10/3/86. P. 312734-312734.
626. Contract Status Notification, 10/7/86. P. 312735-312736. A voucher for transfers between appropriations and/or funds is attached.
627. Letter to Mr. Jeffrey A. Pike, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Appointment of Mr. Del Connealy as the new site project manager, 10/10/86. P. 312737-312737.
628. Letter to Mr. Timothy Travers, U.S. EPA, from Mr. George Miller, Dechert Price & Rhoads, re: Transmittal of the September 1986 progress report, 10/10/86. P. 312738-312859. An additional cover letter dated October 10, 1986 and the progress report are attached.
629. Telephone conversation record of Mr. Tim Travers, U.S. EPA and Mr. Ray Wattras, NUS Corporation, re: Schedule for actions at the site, 10/14/86. P. 312860-312861.
630. Telephone conversation record of Mr. Tim Travers, U.S. EPA and Mr. Ray Wattras, NUS Corporation, re: Schedule for actions at the site, 10/20/86. P. 312862-312863.
631. Handwritten notes re: The Work Plan, 10/20/86. P. 312864-312865.
632. Letter to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. Harry Yentzer, Reading Real Estate Company, re: Sale of the property adjacent to the site, 10/21/86.

P. 312866-312866.

633. Report: Final Work Plan, Review of RI/FS Documents, prepared by Ebasco Services, 10/21/86. P. 312867-312898. A cover letter and a report entitled Site-Specific Health and Safety Plan are attached.
634. Letter to Mr. Timothy Travers, U.S. EPA, from Ms. Karline Tierney, Ciba-Geigy Corporation, re: Summary of October 7, 1986 meeting and description of proposed field tests for air stripping, 10/22/86. P. 312899-312899
635. Letter to Mr. Timothy Travers, U.S. EPA, from Mr. Lawrence A. Serlin, Dechert Price & Rhoads, re: Transmittal of plan for the vacuum extraction pilot test, 10/28/86. P. 312900-312903. A copy of the plan is attached.
636. Contract Status Notification, 10/28/86. P. 312904-312906. A voucher for transfers between appropriations and/or funds is attached.
637. Memorandum to Mr. Richard G. Park, U.S. EPA, from Mr. James Newsom, U.S. EPA, re: Request for further assistance on site investigations, 10/28/86. P. 312907-312907.
638. Letter to Mr. John Egan, PADER, from Ms. Karline Tierney, Ciba-Geigy, re: Short-term field test of the soils air stripping at the site, 10/29/86. P. 312908-312908.
639. Report: An Overview of Sediment Quality in the United States, prepared by Arthur D. Little, 11/86. P. 312909-312938.
640. Request for Determination of Requirement for Plan Approval/Operating Permit Application, 11/86. P. 312939-312939.
641. Letter to Mr. Timothy Travers, U.S. EPA, from Ms. Karline Tierney, Ciba-Geigy Corporation, re: Recent conversations about off-site work being conducted at the site under direction of an Administrative Consent Order, 11/1/86. P. 312940-312940.
642. Contract Status Notification, 11/1/86. P. 312941-

312941.

643. Letter to Mr. Nicholas DeBenedictis, PADER, from Mr. James M. Seif, U.S. EPA, re: Offer to advance funds for clean-up work to begin at the site, 11/3/86. P. 312942-312942.
644. Letter to Mr. Timothy Travers, U.S. EPA, from Mr. Lawrence A. Serlin, Dechert, Price & Rhoads, re: A letter from Ms. Karline Tierney concerning the proposed field test at the site, 11/3/86. P. 312943-312944. The letter dated October 31, 1986, is attached.
645. Report: Sediment Quality Criteria Comparisons, prepared by E.V.S. Consultants, 11/4/86. P. 312945-312953.
646. Letter to Mr. Tim Travers, U.S. EPA, from Mr. Louis J. Apoldo, Ebasco Services Incorporated, re: Breakdown for the estimated LOE hours and costs for Task 1 of WA#66-3456.0, 11/4/86. P. 312954-312955. The LOE cost breakdown for task 1 is attached.
647. Monthly Progress Report for the RI/FS, prepared by Environmental Resources Management, Inc., 11/5/86. P. 312956-312959. A cover letter dated November 10, 1986, is attached.
648. Letter to Mr. Jeffrey A. Pike, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Amendment of existing IAG to include additional \$7,981.00, 11/6/86. P. 312960-312960.
649. Letter to Mr. Timothy Travers, U.S. EPA, from Ms. Karline K. Tierney, Ciba-Geigy, re: Discussions of further Work Plan actions to be taken as a result of the deep aquifer study findings, 11/7/86. P. 312960A-312960A.
650. Letter to Ms. Cynthia J. Giles, U.S. DOJ, from Mr. Lawrence A. Serlin, Dechert, Price & Rhoads, re: Transmittal of a November 7, 1986, letter from Ms. Karline Tierney to Mr. Timothy Travers, 11/11/86. P. 312961-312961.
651. Letter to Mr. Tim Travers, U.S. EPA, from Mr. Raymond Wattras, NUS Corporation, re: Return of the laboratory

results for the monitoring wells, the September 1986 progress report, the July 1986 Progress Report, and the Superfund Amendments and Reauthorization Act of 1986, 11/11/86. P. 312962-312962.

- 652. Letter to Mr. Dennis P. Carney, U.S. EPA, from Mr. Louis J. Apoldo, Ebasco Services, Inc., re: Transmittal of the revised Tyson's schedule, 11/12/86. P. 312963-312964. The schedule is attached.
- 653. Letter to Mr. John Egan, PADER, from Ms. Karline K. Tierney, Ciba-Geigy, re: Expected emission from the air stripping of soils, 11/13/86. P. 312965-312966. A table entitled Compounds to be Air Stripped into Carbon Cannisters is attached.
- 654. Letter to Mr. Jeffrey A. Pike, U.S. EPA, from Mr. Gary Van Balen, SRW Associates, Inc., re: Alternative temporary site access via CONRAIL railroad property, 11/18/86. P. 312967-312970.
- 655. Memorandum to Mr. Jeffrey A. Pike, U.S. EPA, from Mr. Richard G. Park, U.S. EPA, re: Impoundment locations, 11/21/86. P. 312971-312971.
- 656. Handwritten letter to Mr. Tim Travers, U.S. EPA, from Mr. Raymond P. Wattras, NUS Corporation, re: Site trip report, 12/86. P. 312972-312980. The report is attached.
- 657. Letter to Mr. Dennis P. Carney, U.S. EPA, from Mr. Louis J. Apoldo, Ebasco Services, Inc., re: Transmittal of the cost estimates, 12/1/86. P. 312981-312990. The cost estimates are attached.
- 658. Report: Remedial Investigation Report for the Off-Site Operable Units, Volume I, prepared by Environmental Resources Management, 12/8/86. P. 312991-313227.
- 659. Report: Remedial Investigation Report for the Off-Site Operable Units, Volume II, prepared by Environmental Resources Management, Inc., 12/8/86. P. 313278-313665.
- 660. Report: Remedial Investigation Report for the Off-Site Operable Units, Volume III, prepared by Environmental Resources Management, Inc., 12/8/86. P. 313666-314095.
- 661. Report: Off-Site Operable Unit Remedial Investigation

Report, Endangerment Assessment, prepared by
Environmental Resources Management, Inc., 12/8/86.
P. 314096-314338.

- 662. Letter to Mr. Timothy Travers, U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: Transmittal of the draft Remedial Investigation, 12/8/86. P. 314339-314339.
- 663. Memorandum to Mr. Jeffery Pike, U.S. EPA, from Mr. Tim Travers, U.S. EPA, re: Transmittal of the draft Remedial Investigation, 12/9/86. P. 314340-314340.
- 664. Telephone conversation record of Mr. Dick Park, U.S. EPA, and Mr. Jeff Pike, U.S. EPA, re: Tyson's measurement study, 12/18/86. P. 314341-314341.
- 665. Memorandum to Mr. Tim Travers, U.S. EPA, from Ms. Elizabeth Rhoads, U.S. EPA, re: Comments to the Remedial Investigation and Endangerment Assessment, 12/18/86. P. 314342-314345.
- 666. Letter to Mr. Thomas Voltaggio, U.S. EPA, from Ms. Karline K. Tierney, Ciba-Geigy, re: Request for assistance in the completion of the soil vacuuming pilot test, 12/18/86. P. 314346-314347.
- 667. Letter to Mr. Bruce Laswell, SRW Associates, Inc., from Mr. S. L. Carlock, USCOE, re: Request for proposal for services not part of SRW contract, 12/19/86. P. 314348-314349.
- 668. Letter to Mr. Thomas Pendergast, CONRAIL, from Mr. Jeffrey Pike, U.S. EPA, re: Request for CONRAIL review site maps, 12/19/86. P. 314350-314356. The maps are attached.
- 669. Letter to Mr. Tim Travers, U.S. EPA, from Mr. Raymond P. Wattras, NUS Corporation, re: Transmittal of trip report, 12/23/86. P. 314357-314367. The trip report is attached.
- 670. Memorandum to Mr. Dick Parks, U.S. EPA, from Mr. Jeffrey Pike, U.S. EPA, re: Request for additional work at the site, 12/29/86. P. 314368-314368.
- 671. Contract status notification, 12/31/86. P. 314369-314372. Voucher for transfers between appropriations

and/or funds is attached.

- 672. Handwritten comments, re: Review of the draft Remedial Investigation Report, 1/5/87. P. 314373-314390.
- 673. Letter to Mr. Timothy Travers, U.S. EPA, from Mr. Rudolph M. Schuller, Environmental Resources Management, Inc., re: Transmittal of summary tables for the soils sampled, 1/7/87. P. 314391-314392. The table is attached.
- 674. Work Assignment Amendment No. 1, Review of Responsible Party's Validated Data and Split Sample Analytical Results, 1/7/87. P. 314393-314402.
- 675. Memorandum to Mr. Joseph P. Dugandzic, U.S. EPA, from Mr. Reinaldo A. Hernandez, U.S. EPA, re: Analysis of the air stripper system, 1/7/87. P. 314403-314406. A transmittal sheet is attached.
- 676. Memorandum to Mr. Eugene P. Meier, U.S. EPA, from Mr. James Newsome, U.S. EPA, re: Follow-up work by EPIC on the site, 1/9/87. P. 314407-314407.
- 677. Letter to Ms. Cynthia J. Giles, U.S. DOJ, from Mr. George J. Miller, Dechert, Price & Rhoads, re: Transmittal of a draft agenda for the meeting to be held January 14, 1987, 1/12/87. P. 314408-314410.
- 678. Meeting attendance sheet, 1/13/87. P. 314411-314411.
- 679. Report: Draft Evaluation Report, Review of Draft Remedial Investigation and Endangerment Assessment Reports, prepared by Ebasco Services, Inc., 1/13/87. P. 314412-314440. A cover letter is attached.
- 680. Data Package Review, Tyson's dump site, 1/13/87. P. 314441-314451. A cover letter is attached.
- 681. Superfund projects, Record of Review, 1/14/87. P. 314452-314452.
- 682. Meeting attendance sheet, 1/14/87. P. 314453-314454.
- 683. Handwritten notes on the site, 1/14/87. P. 314455-314455.

684. Letter to Ms. Karline Tierney, Ciba-Geigy, from Mr. Rudolph M. Schuller, Environment Resources Management, Inc., re: Additional work to the deep aquifer off-site operable unit, 1/14/87. P. 314456-314465. A map entitled Tyson's Site Well Locations, Table 1 - Selected Wells Data Summary and Table 2 - Addresses for Selected Wells are attached.
685. Letter to Mr. Timothy Travers, U.S. EPA, from Mr. George J. Miller, Dechert, Price & Rhoads, re: Transmittal of a December 1982 monthly progress report, 1/14/87. P. 314466-314467. A letter dated January 14, 1987, is attached.
686. Memorandum to Mr. Timothy Travers, U.S. EPA, from Richard Brunker, U.S. EPA, re: The status of 1,2,3-trichloropropane in regards to the application of cancer quantitative risk factors in risk assessments related to the site, 1/15/87. P. 314468-314468.
687. Handwritten letter to Mr. Joe LaFornara, U.S. EPA, from Jeffrey Pike, U.S. EPA, re: Tyson's dump site status report, 1/16/87. P. 314469-314470.
688. Handwritten notes re: Site activities, 1/20/87. P. 314471-314471.
689. Letter to Ms. Karline K. Tierney, Ciba-Geigy, from Mr. Timothy Travers, U.S. EPA, re: Request for ten data packages, 1/20/87. P. 314472-314472.
690. Letter to Mr. George Miller, Dechert, Price & Rhoads, from Mr. James J. Malot, Terra Vac, Inc., re: Responses to questions raised at a meeting held on January 14, 1987, 1/20/87. P. 314473-314482.
691. Handwritten notes re: Activities at the site, 1/21/87. P. 314483-314483.
692. Memorandum to Mr. Greene A. Jones, U.S. EPA, from Mr. Eugene P. Meier, U.S. EPA, re: Response to request for technical support for the site, 1/21/87. P. 314484-314484.
693. Letter to Mr. Timothy Travers, U.S. EPA, from Mr. Charles J. Kulp, U.S. DOI, re: Review of reports entitled Off-Site Operable Unit Remedial Investigations Report and Endangerment Assessment, 1/22/87. P. 314485-314486.

694. Contract Status Notification, 1/23/87. P. 314487-314487.
695. Letter to Mr. Jeff Pike, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: USCOE' responses to Environmental Resources Management, Inc., comments, 1/28/87. P. 314488-314488.
696. Letter to Mr. Thomas Voltaggio, U.S. EPA, from Ms. Karline Tierney, Ciba-Geigy, re: Summary of meeting on January 14, 1987, 1/28/87. P. 314489-314492.
697. Letter to Mr. Jeffrey Pike, U.S. EPA, from Mr. T. P. Pendergast, CONRAIL, re: Response to request for two proposed haul routes from Tyson's Lagoon Site, 1/30/87. P. 314493-314493.
698. Letter to Mr. Del Connealy, USCOE, from Mssrs. Gary L. Van Balen, ICF Clement, and Bruce H. Laswell, SRW Associates, Inc., re: Request for contract modification for the site, 2/1/87. P. 314494-314495.
699. Letter to Ms. Mary Letzkus, U.S. EPA, from Ms. Karline Tierney, Ciba-Geigy, re: Maintenance of air stripper installed by EPA at Tyson site, 2/3/87. P. 314496-314496.
700. Report: Work Plan for a Comprehensive Feasibility Study, prepared by Environmental Resources Management, Inc., Inc., 2/6/87. P. 314497-314532.
701. Letter to Mr. Jeffrey A. Pike, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Review of modifications for additional services from SRW, 2/6/87. P. 314533-314533.
702. Memorandum from Mr. Lawrence A. Serlin, Dechert, Price & Rhoads, to Mr. Timothy Travers, U.S. EPA, re: Copy of revised letter sent, 2/6/87. P. 314534-314534.
703. Hand-delivered letter to Mr. Timothy Travers, U.S. EPA, from Mr. Lawrence A. Serlin, Dechert, Price & Rhoads, re: Copies of proposed Work Plan for comprehensive Feasibility Study for the site, 2/6/87. P. 314535-314535.
704. Memorandum to Mr. Jeffrey Pike, U.S. EPA, from Andre P. Zownir, U.S. EPA, re: Pilot study continuance for Terra Vac, Inc., 2/12/87. P. 314536-314536.

705. Memorandum to Mr. Timothy Travers, U.S. EPA, from Alyce T. Fritz, U.S. EPA, re: Review of reports entitled Off-Site Operable Unit Remedial Investigations Report and Endangerment Assessment, 2/12/87. P. 314537-314542.
706. Letter to Ms. Karline K. Tierney, Ciba-Geigy, from Mr. James P. Snyder, PADER, re: Proposal for maintaining the air stripper, 2/18/87. P. 314543-314543.
707. Letter to Mr. Donald Butler, CONRAIL, from Ms. Karline K. Tierney, Ciba-Geigy, re: License agreement between CONRAIL and Ciba-Geigy, 2/19/87. P. 314544-314545.
708. Letter to Mr. Ronald Wagenmann, Upper Merion Township, from Ms. Karline K. Tierney, Ciba-Geigy, re: Two additional wells at Tyson superfund site, 2/23/87. P. 314546-314546.
709. Handwritten memorandum to Mr. Dick Park, U.S. EPA, from Mr. Jeffrey Pike, U.S. EPA, re: "Blue lines" for measuring study, 2/24/87. P. 314547-314547.
710. Letter to Ms. Karline K. Tierney, Ciba-Geigy, from Mr. Timothy Travers, U.S. EPA, re: EPA's comments to the draft Remedial Investigation Report for the off-site operable units studies, 2/26/87. P. 314543-314561.
711. Letter to Mr. Richard Barth, Ciba-Geigy, from Mr. Walter S. Graham, U.S. EPA, re: Off-site operable units Remedial Investigation and Feasibility Study, 3/1/87. P. 314562-314563.
712. Handwritten meeting attendance sheet, 3/12/87. P. 314564-314564.
713. Meeting notes by Mr. Ray Wattras, NUS Corporation, 3/12/87. P. 314565-314566
714. Letter to Ms. Karline K. Tierney, Ciba-Geigy, from Mr. James J. Malot, Terra Vac, Inc., re: Materials requested for the Upper Merion Township Environmental Advisory Council, 3/13/87. P. 314567-314568.
715. Report: Summary Public Health Risk Assessment of the Tyson's Site Remediation Plan, prepared by ENVIRON Corporation, 3/17/87. P. 314569-314604.
716. Telephone conversation record of Ms. Karline K.

- Tierney, Ciba-Geigy, and Mr. Timothy Travers, U.S. EPA, re: Disposal of drums (well cuttings, etc.) from the site, 3/18/87. P. 314605-314605.
717. Letter to Mr. Timothy Travers, U.S. EPA, from Ms. Karline K. Tierney, Ciba-Geigy, re: Off-site Remedial Investigation Report, 3/18/87. P. 314606-314607.
718. Memorandum for distribution from Ms. Karline K. Tierney, Ciba-Geigy, re: Replacement letter for one inadvertently sent without a heading, 3/18/87. P. 314608-314610.
719. Letter to Mr. Lewis Luchie, Jr., Upper Merion Township, from Ms. Karline K. Tierney, Ciba-Geigy, re: Summary of the Risk Assessment, 3/18/87. P. 314611-314612.
720. Memorandum to Mr. James Seif, U.S. EPA, from Mr. Jeff Pike, U.S. EPA, re: Documenting EPA's approval of the selected remedy in the 12/84 ROD, 3/18/87. P. 314613-314642. The documentation is attached.
721. Letter to Mr. Jeffrey A. Pike, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Announcement of Mr. Brian Stewart as new Project Manager for the site project, 3/19/87. P. 314643-314643.
722. Letter to Mr. Lewis Luchie, Jr., Upper Merion Township, from Ms. Karline K. Tierney, Ciba-Geigy, re: Additional materials requested by the Upper Merion Township Environmental Advisory Council, 3/19/87. P. 314644-314645.
723. Memorandum from Ms. Alyce T. Fritz, U.S. EPA, to Mr. Timothy Travers, U.S. EPA, re: Tyson's review and technical support for bioassessment, 3/20/87. P. 314646-314646.
724. Memorandum to Mr. Ray Wattras, NUS Corporation, from Mr. John Mahfood and Mr. Greg Zimmerman, NUS Corporation, re: An assessment of the data validation, 3/23/87. P. 314647-314648.
725. Memorandum to Mr. Ray Wattras, NUS Corporation, from Mr. John Mahfood and Mr. Greg Zimmerman, NUS Corporation, re: An assessment of the data validation for surface water samples, 3/23/87. P. 314649-314650.

726. Memorandum to Mr. Ray Wattras, NUS Corporation, from Mr. John Mahfood and Mr. Greg Zimmerman, NUS Corporation, re: An assessment of the data validation for sediment samples, 3/23/87. P. 314651-314655.
727. Memorandum to Mr. Ray Wattras, NUS Corporation, from Mr. John Mahfood and Mr. Greg Zimmerman, NUS Corporation, re: An assessment of the data validation for leachate samples, 3/23/87. P. 314656-314675.
728. Memorandum to Mr. Ray Wattras, NUS Corporation, from Mr. John Mahfood and Mr. Greg Zimmerman, NUS Corporation, re: An assessment of the data validation for hillside area soil samples, 3/23/87. P. 314676-314695.
729. Memorandum to Mr. Ray Wattras, NUS Corporation, from Mr. John Mahfood and Mr. Greg Zimmerman, NUS Corporation, re: An assessment of the data validation for groundwater samples, 3/23/87. P. 314696-314721.
730. Memorandum to Mr. Ray Wattras, NUS Corporation, from Mr. John Mahfood and Mr. Greg Zimmerman, NUS Corporation, re: An assessment of the data validation for seep area soils, 3/23/87. P. 314722-314741
731. Letter to Ms. Karline K. Tierney, Ciba-Geigy, from Mr. Rudolph M. Schuller, Environmental Resources Management, Inc., Inc., re: Additional work on the deep aquifer and flood plain/wetlands off-site operable units and endangerment assessment, 3/24/87. P. 314742-314750.
732. Report: Draft Evaluation Report, Review of Responsible Parties' Validated Data and Split-Sample Analytical Results, prepared by U.S. EPA, 3/27/87. P. 314751-314900.
733. Letter to Mr. Timothy Travers, U.S. EPA, from Mr. Rudolph M. Schuller, Environmental Resources Management, Inc., re: The bioassays conducted during the off-site operable unit Remedial Investigation at the Tyson's site, 3/30/87. P. 314901-314906.
734. Telephone conversation record of Ms. Karline K. Tierney, Ciba-Geigy, and Mr. Timothy Travers, U.S. EPA, re: Request for EPA's assistance in obtaining access

- to the PECO property, 3/30/87. P. 314907-314907.
735. Memorandum to file from Mr. Thomas C. Voltaggio, U.S. EPA, re: Request to abandon or delay Tyson's construction for the Terra-Vac system, 3/30/87. P. 314908-314909.
736. Handwritten memorandum to Mr. Richard Park, U.S. EPA, from Mr. William Baer, Bionetics Corporation, re: Inability to produce a blueprint overlay showing historical impediment locations, 3/31/87. P. 314910-314910.
737. Handwritten memorandum to Mr. Jeffrey Pike, U.S. EPA, from Mr. Dick Park, U.S. EPA, re: Contractor's rationale for providing precise measurement data, 4/1/87. P. 314911-314911.
738. Letter to Ms. Karline K. Tierney, Ciba-Geigy, from Mr. Keith Choper, EnviroClean, Inc., re: Operations and maintenance of the site air stripper system, 4/2/87. P. 314912-314916.
739. Letter to Mr. Timothy Travers, U.S. EPA, from Mr. Rudolph M. Schuller, Environmental Resources Management, Inc., re: Bioassays conducted during the off-site operable unit Remedial Investigation at the site, 4/2/87. P. 314917-314923. A cover letter is attached.
740. Letter to Mr. Timothy Travers, U.S. EPA, from Ms. Karline K. Tierney, Ciba-Geigy, re: Transmittal of the March 1987 monthly report, 4/3/87. P. 314924-314924.
741. Memorandum to Mr. R. Wagenmann and Mr. R. Volpe, Upper Merion Township Board of Supervisors and Mr. J. Pike, Mr. R. Dulcey, and Mr. T. Travers, U.S. EPA, from Ms. Karline K. Tierney, Ciba-Geigy, re: Tyson air stripper monthly report, 4/3/87. P. 314925-314925.
742. Handwritten meeting notes, 4/7/87. P. 314926-314927.
743. Handwritten meeting attendance sheet, 4/7/87. P. 314928-314928.
744. Letter to Mr. Joseph J. C. Donovan, U.S. EPA, from Paul Chrostowski, Clement Associates, Inc., re:

Documentation on indicator selection at the site,
4/7/87. P. 314929-314933.

- 745. Project meeting attendance list, 4/9/87. P. 314934-314934.
- 746. Letter to Mr. Tim Travers, U.S. EPA, from Mr. Lawrence A. Serlin, Dechert, Price & Rhoads, re: Transmittal of the monthly progress report for March 1987 in accordance with Consent Order, Docket No. III-86-10-DC, 4/9/87. P. 314935-314938.
- 747. Letter to Mr. Stanley L. Carlock, USCOE, from Mr. Jeffrey A. Pike, U.S. EPA, re: Notification of EPA's determination that excavation limits for the site must be revised, 4/13/87. P. 314939-314939.
- 748. Contract Status Notification for Corps of Engineers, 4/14/87. P. 314940-314941.
- 749. Memorandum to file from Mr. Gary Moulder, Upper Merion Township, re: Purpose of the meeting with Ciba-Geigy concerning the air stripper, 4/15/87. P. 314942-314943.
- 750. Letter to Mr. Ronald Wagenmann, Upper Merion Township, from Ms. Karline K. Tierney, Ciba-Geigy, re: Delay on implementation of vacuum extraction pilot study for the site, 4/15/87. P. 314944-314944.
- 751. Memorandum to file from Mr. Timothy Travers, U.S. EPA, re: The April 10, 1987 meeting discussing toxicological status of the compound 1,2,3-trichloropropane (TCP), 4/15/87. P. 314945-314946.
- 752. Letter to Ms. Karline K. Tierney, Ciba-Geigy, from Mr. Timothy Travers, U.S. EPA, re: The draft Remedial Investigation Report for the Tyson's off-site operable units, 4/15/87. P. 314947-314948.
- 753. Handwritten notes from Mr. Greg Hill's meeting with Ms. Karline K. Tierney, Ciba-Geigy, and Mr. Rudolf Schuller, Environmental Resources Management, Inc., 4/16/87. P. 314949-314952.
- 754. Letter to Mr. Jeffery Pike, U.S. EPA, from Mr.. S. L. Carlock, USCOE, re: Transmittal of estimated additional costs expected to continue work, 4/17/87.

P. 314953-314953.

- 755. Letter to Mr. Jeffery Pike, U.S. EPA, from Mr. S. L. Carlock, USCOE, re: Removal of contaminants by rail, 4/17/87. P. 314954-314954.
- 756. Letter to Ms. Karline K. Tierney, Ciba-Geigy, from Mr. Rudolph M. Schuller, Environmental Resources Management, Inc., re: Results of the bioaccumulation study conducted during the Tyson's site off-site operable units Remedial Investigation (RI), 4/21/87. P. 314955-314982.
- 757. Letter to Mr. Bruce Laswell, SRW Associates, Inc., from Mr. S. L. Carlock, USCOE, re: Request that the proposal for services be submitted in accordance with the scope of work, 4/21/87. P. 314983-314987.
- 758. Memorandum to Board of Supervisors, Upper Merion Township, from Mr. Lewis S. Luchie, Jr., Upper Merion Township, re: Ciba-Geigy - Terra-Vac pilot test at the site, 4/27/87. P. 314986-314987.
- 759. Memorandum to All Counsel from Mr. George J. Miller, Dechert, Price & Rhoads, re: Approval for commencement of pilot test program at the site by Ciba-Geigy and Upper Merion Township, 4/28/87. P. 314988-314988.
- 760. Letter to Mr. Brian Stewart, USCOE, from Mr. Jeffrey A. Pike, U.S. EPA, re: Confirmation of EPA's directive that transportation of contaminated material from the site will be by rail, 5/4/87. P. 314989-314989.
- 761. Contract status notification, Army Corps of Engineers, 5/4/87. P. 314990-314990.
- 762. Letter to Mr. Jeffrey Pike, U.S. EPA, from R. L. Puleo, CONRAIL, re: Reportable train accidents on CONRAIL for the last five years, 5/5/87. P. 314991-314991.
- 763. Letter to Mr. Dominic Di Giulio, U.S. EPA, from Ms. Karline K. Tierney, Ciba-Geigy, re: The Phase I model report and model description, 5/5/87. P. 314992-315007.
- 764. Letter to Mr. Timothy Travers, U.S. EPA, from Mr.

- George J. Miller, Dechert, Price & Rhoads, re:
Transmittal of the monthly progress report pursuant to
the Consent Decree for the site, 5/11/87. P. 315008-
315011.
765. Letter to Mr. Richard Dulcey, U.S. EPA, from Ms.
Karline K. Tierney, Ciba-Geigy, re: Plans for disposal
or storage of exhausted carbon canisters used with air
stripper at the site, 5/22/87. P. 315012-315015.
766. Record of Decision, Tyson's Dump Site, 1987.
P. 315016-315083.
767. Report: Preliminary Risk Assessment of the Tyson's
Dump Site, Montgomery County, Pennsylvania, prepared by
ICF-Clement, Inc., (undated). P. 315084-315255.
768. Handwritten notes and calculations, (undated).
P. 315256-315283.
769. Computer search information, (undated). P. 315284-
315292.
770. Collection of site maps and related information,
(undated). P. 315293-315319.
771. Various handwritten notes re: Activities at the site,
(undated). P. 315320-315341.
772. Excerpt from field log book, (undated). P. 315342-
315388.
773. Analytical data and chain of custody records for off-
site operable units, (undated). P. 315389-315472.
774. Report: Comments on the Remedial Investigation and
Feasibility Study for the Tyson's Dump Site, prepared
by Environmental Advisory Council, (undated).
P. 315473-315487.
775. Handwritten notes, (undated). P. 315488-315540
776. Comments on the air stripper, (undated). P. 315541-
315553.
777. Paper entitled, Soil Sampling Plan for Tyson's Dump
Site, King of Prussia, PA, (undated). P. 315554-
315555.

778. Paper entitled, Tyson's Dump Superfund Site Engineering Design Project (undated). P. 315556-315560.
779. Handwritten notes re: Site air stripper, (undated). P. 315561-315562.
780. Memorandum to Mr. Ed Shoener, U.S. EPA, from Mr. Joseph J. C. Donovan, U.S. EPA, re: Frank Tyson's response to remedial notices, (undated). P. 315563-315563.
781. Letter to Ms. Karline K. Tierney, Ciba-Geigy, from Mr. Timothy Travers, U.S. EPA, re: Additional comments to the draft Work Plan for the RI/FS, (undated). P. 315564-315566.
782. Memorandum to Mr. Joe Dugandzic, U.S. EPA, from Ms. Libby Rhoades, U.S. EPA, re: Review of the ROD, (undated). P. 315567-315572.
783. Briefing paper for Tyson's ROD, (undated). P. 315573-315582. The following are attached:
- a) three waste discharge reports;
 - b) a report of violation;
 - c) a letter dated February 21, 1968;
 - d) a letter dated July 1, 1966;
 - e) a letter dated May 9, 1966;
 - f) a letter dated December 20, 1965.
784. Memorandum to Mr. Bruce M. Diamond, U.S. EPA, from Mr. Joseph J. C. Donovan, U.S. EPA, re: Tyson's ROD meeting, (undated). P. 315583-315591. Handwritten notes are attached.
785. Letter to Ms. Karline K. Tierney, Ciba-Geigy, from Mr. Bruce Smith, U.S. EPA, re: Proposal to conduct a vacuum extraction pilot project at the site, (undated). P. 315592-315592.
786. Letter to Ms. Karline K. Tierney, Ciba-Geigy, from Mr. John P. Egan, PADER, re: The air stripper at the site, (undated). P. 315593-315593.
787. Memorandum to peer review group from Mr. Timothy

Travers, U.S. EPA, re: Peer review meetings for the Tyson's draft Work Plan, (undated). P. 315594-315597. A list of well information is attached.

- 788. Report: Field Trip Report, prepared by NUS Corporation, (undated). P. 315598-315620.
- 789. Handwritten memorandum to Mr. Joe Dugandzic, U.S. EPA, from Mr. Timothy Travers, U.S. EPA, re: Air stripper issues, (undated). P. 315621-315630.
- 790. Handwritten notes re: Site activities, (undated). P. 315631-315634.
- 791. Letter to Mr. Ray Wattrus, NUS Corporation, from Mr. Timothy Travers, U.S. EPA, re: Transmittal of marked-up copy of the draft Work Plan, (undated). P. 315635-315635.
- 792. Handwritten notes, (undated). P. 315636-315636.
- 793. Telephone conversation record of Mr. Bob Pabo, CONRAIL, from Mr. Jeff Pike, U.S. EPA, re: Reportable train accidents, (undated). P. 315637-315637.
- 794. Project design criteria, (undated). P. 315638-315638.
- 795. Letter to Mr. Lee Thomas, U.S. EPA, from Mr. Thomas P. Eichler, U.S. EPA, re: Recommendation that EPA fund the proposed action outlined in the ROD, (undated). P. 315639-315639.
- 796. Telephone conversation record of Mr. Ed Shoener, U.S. EPA, and Mr. Gary Wojcik, NUS Corporation, re: Chain of custody paper work, (undated). P. 315640-315640.
- 797. Telephone conversation record of Mr. Art Robb and Mr. Alan Shuckrow, Michael Baker Jr., Inc., and Mr. Gary Wojcik, NUS Corporation, re: Drilling completion schedule, (undated). P. 315641-315641.
- 798. Telephone conversation record of Mr. Tony Baiorana, Rocky Mountain Analysis Labs, and Mr. Pat Byrne, NUS Corporation, re: Concern with the TOX data reported for SMO case 921R, (undated). P. 315642-315642.

799. Letter to Mr. Art Robb, NUS Corporation, from Mr. Richard Zambito, U.S. EPA, re: Confirmation of April 27, 1984, conversation, (undated). P. 315643-315643.
800. Letter to Mr. Joe Dugandzic, U.S. EPA, from Ms. Lisa Woodson, re: Transmittal of insurance information, (undated). P. 315644-315660. The insurance information is attached.
801. Tyson's Dump Site Evaluation Rating System, (undated). P. 315661-315665.
802. Letter to Mr. Jeff Pike, U.S. EPA, from Mr. Timothy Travers, U.S. EPA, re: Transmittal of marked comments on tables, (undated). P. 315666-315685. The comments are attached.
803. Letter to Woodward-Clyde from Mr. S.L. Carlock, USCOE, re: Transmittal of a Supplemental Soil Sampling Plan, (undated). P. 315686-315698. The plan is attached.
804. Computer data sheets, (undated). P. 31569-315833.
805. Issues and discussion points - Tyson's ROD, (undated). P. 315834-315835.
806. Issues on the Tyson's ROD, (undated). P. 315836-315838.
807. Meeting attendance sheet, (undated). P. 315839-315839.
808. Meeting attendance sheet, (undated). P. 315840-315840.
809. Revisions to Tyson's Off-Site Endangerment Assessment, (undated). P. 315841-315844. A flow chart, the Conceptual Basis of Ecosystem Partitioning Model, and the Ecosystem Partitioning Model, are attached.
810. Variety of Tyson's Dump Site data re: Level of effort summary, cost estimates, and Feasibility Study cost estimates, (undated). P. 315845-315887.
811. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Michael Timcik, PADER, re: PADER's comments concerning the draft Focused Feasibility Study, 2/8/95. P. 315888-315890.
812. Letter to Mr. Keith Harold, Ciba-Geigy Corporation, from Mr. Eugene Dennis, U.S. EPA, re: EPA/PADER's

- comments concerning the November 4, 1994, draft Focused Feasibility Study, 3/29/95. P. 315891-315893.
813. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. R. Keith Harold, Ciba-Geigy Corporation, re: Response to EPA/PADER's comments concerning the draft Focused Feasibility Study, 5/1/95. P. 315894-315937. A sensitivity analysis of the wet soil cover alternative is attached.
814. Report: Focused Feasibility Study-Lagoon Areas Soils, Tyson's Site, prepared by Ciba-Geigy Corporation, 7/14/95. P. 315938-316423. A transmittal letter summarizing changes from the last draft of the report is attached.
815. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Michael Timcik, Pennsylvania Department of Environmental Protection (PADEP), re: Notification of approval of EPA's preferred alternative as stated in the proposed plan and notification that PADEP has no comments regarding the revised Focused Feasibility Study, 8/3/95. P. 316424-316425.
816. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. R. Keith Harold, Ciba-Geigy Corporation, re: Transmittal of the Addendum to the Focused Feasibility Study for Lagoon Area Soils at Tyson's Site, 12/13/95. P. 316426-316428. The addendum is attached.
817. Proposed Remedial Action Plan for Tyson's Dump Site, 1/31/96. P. 316429-316444.
818. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Michael Timcik, PADEP, re: PADEP's comments concerning the draft ROD amendment and concurrence with the amendment, 7/1/96. P. 316445-316447.
819. Record of Decision Amendment, Tyson's Dump Superfund Site, Montgomery County, Pennsylvania, 7/25/96. P. 316448-316476. A July 25, 1996, transmittal memorandum and EPA's Responsiveness Summary are attached.
820. Letter to Mr. Thomas Voltaggio, U.S. EPA, from Ms. Carol Collier, PADEP, re: Conditional agreement with

the proposed remedy for the site set forth by U.S. EPA
in the Amended ROD, 8/1/96. P. 316477-316479.

V. COMMUNITY INVOLVEMENT/CONGRESSIONAL CORRESPONDENCE/IMAGERY

1. A handwritten meeting attendance sheet with addresses, 3/2/83. P. 500001-500004.
2. U.S. EPA Environmental News press release: EPA and PADER Announce Superfund Cleanup at Upper Merion Township Site, 3/2/83. P. 500005-500006.
3. Narrative to a slide presentation, 3/2/83. P. 500007-500008.
4. Narrative to a slide presentation, 3/2/83. P. 500009-500011.
5. Newspaper article entitled "Waste Site Discovered, Clean Up Set," King of Prussia Courier, 3/2/83. P. 500012-500012.
6. Newspaper article entitled "Chemical Clean-up Set in Upper Merion," The Times Herald, 3/2/83. P. 500013-500013.
7. Newspaper article entitled "U.S. Officials Explain U. Merion Cleanup," The Times Herald, 3/3/83. P. 500014-500014.
8. Newspaper article entitled "Despite Contaminated Lagoons, River Water Safe," The Times Herald, 3/3/83. P. 500015-500015.
9. Newspaper article entitled "Neighbors Down in the Dumps Over Waste Site," Philadelphia Daily News, 3/3/83. P. 500016-500016.
10. Newspaper article entitled "Workers Search for Toxic Waste," The Patriot, 3/5/83. P. 500017-500017.
11. Newspaper article entitled "Cancer Deaths Worry Dump Neighbors," Today's Spirit, 3/9/83. P. 500018-500019.
12. Newspaper article entitled "Love Canal Comes Home...", Today's Spirit, 3/10/83. P. 500020-500020.
13. Newspaper article entitled "Was Dumping Site a deadly Neighbor," Philadelphia Daily News, 3/11/83. P. 500021-500022.
14. Newspaper article entitled "U. Merion Sewer System May

- Aid in Toxic Clean Up," The Times Herald, 3/11/83.
P. 500023-500024.
15. Newspaper article entitled "Cancer No Stranger to Locale," Tribune - Democrat, 3/13/83. P. 500025-500025.
 16. Newspaper article entitled "Area in Vicinity of Waste Dump Plagued By Cancer," Sunday Patriot News, 3/13/83. P. 500026-500026.
 17. Newspaper article entitled "Dump Site Neighbors Plagued By Cancer," Ashbury Park Press, 3/13/83. P. 500027-500027.
 18. Newspaper article entitled "Parents Seek Causes of Area Bouts With Cancer," The Express, 3/14/83. P. 500028-500028.
 19. Newspaper article entitled "5 Cancer Victims, Toxic Site Probed," no source cited, 3/14/83. P. 500029-500029.
 20. Newspaper article entitled "Cancer Peppers Area of Abandoned Dump," Harrisburg News, 3/14/83. P. 500030-500030.
 21. Newspaper article entitled "Carcinogenic: Neighborhood Near Dump Plagued With Cancer," Times, Southern Edition, 3/14/83. P. 500031-500031.
 22. Newspaper article entitled "Neighborhood Near Dump Plagued With Cancer," Bradford PA Era, 3/14/83. P. 500032-500032.
 23. Newspaper article entitled "Cancer Cases Near Dump Site," Daily American, 3/15/83. P. 500033-500033. A March 3, 1983, newspaper article entitled "EPA To Clean Up Dump Site," and a newspaper photograph dated March 6, 1983, are attached.
 24. Description of conversation re: Valley Brooke Subdivision, 3/16/83. P. 500034-500034.
 25. Newspaper article entitled "State Presses Well Clean-up," Todays Post, 3/16/83. P. 500035-500035.
 26. Announcement of public meeting re: Upper Merion Dump Site, 3/16/83. P. 500036-500037.

27. Newspaper article entitled "EPA says 'Upper Merion Dump Site OK,'" Philadelphia Daily News, 3/17/83. P. 500038-500038.
28. Newspaper article entitled "Despite Tests EPA won't Rule Out Future Illness for Dump Neighbors," The Times Herald, 3/17/83. P. 500039-500039.
29. Newspaper article entitled "Doings," The Times Herald, 3/17/83. P. 500040-500040.
30. Newspaper article entitled "Tyson's Dump Not Affecting Nearby Areas," Herald, 3/18/83. P. 500041-500041. A newspaper article, dated March 14, 1983, entitled "Dump Eyed As Possible Cause Of Cancers," is attached.
31. Newspaper article entitled "Tyson Dump Secured, EPA: Water Supply Safe," Todays Post, 3/23/83. P. 500042-500042.
32. Newspaper article entitled "EPA, Contractor Continue in U. Merion Dump Cleanup," The Times Herald, 3/23/83. P. 500043-500043.
33. Newspaper article entitled "UM Swim Club, Valley Brooke Get a Clean Bill of Health," King of Prussia Courier, 3/23/83. P. 500044-500045.
34. Newspaper article entitled "State Knew Dump Was Polluted in 1970," Philadelphia Daily News, 3/28/83. P. 500046-500047.
35. Newspaper article entitled "Clean up of 'Tyson's Dump' to Cost Over \$3 Million," The Times Herald, 4/7/83. P. 500048-500049.
36. Newspaper article entitled "Coughlin Seeks Toxic Clean-up Funds," The Times Herald, 4/9/83. P. 500050-500050.
37. Newspaper article entitled "Parole Delay For Polluter," Philadelphia Daily News, 4/12/83. P. 500051-500051.
38. Newspaper article entitled "Research Finds No Link Between Cancers, Dump," King of Prussia Courier, 4/13/83. P. 500052-500053.
39. Newspaper article entitled "Scranton Tours Area Dump Site," Evening Phoenix, 4/22/83. P. 500054-500054.

40. Newspaper article entitled "Scranton: Tyson Site Ugly Story," The Times Herald, 4/22/83. P. 500055-500055.
41. News Release from Environmental Science and Engineering, Inc., entitled "Emergency Response - Tysons Dump," 5/11/83. P. 500056-500056.
42. Newspaper article entitled "EPA Ranks Tyson Dump Among Worst," Today's Post, 6/15/83. P. 500057-500057.
43. Letter to Mr. George Bochanski, U.S. EPA, from Mr. Gilbert J. Meyer Jr., NUS Corporation, re: The Community Relations Plan for the Site, 6/17/83. P. 500058-500058.
44. Newspaper article entitled "Federal Funding Likely in Tyson's Dump Cleanup," The Times Herald, 8/2/83. P. 500059-500059.
45. Newspaper article entitled "Hopes Buried in Fund," Philadelphia Daily News, 8/16/83. P. 500060-500060.
46. Newspaper article entitled "Dumping on the Law," Philadelphia Daily News, 8/17/83. P. 500061-500062.
47. Newspaper article entitled "U. Merion Waste Sites Expected to be Added to EPA Superfund," The Times Herald, 9/1/83. P. 500063-500064.
48. Newspaper article untitled U.S.A. Today, 9/1/83. P. 500065-500065.
49. Newspaper article entitled "2nd Toxic Site in Upper Merion," Philadelphia Daily News, 9/2/83. P. 500066-500067.
50. Newspaper article entitled "Toxic," Evening Phoenix, 9/2/83. P. 500068-500068.
51. Newspaper article entitled "Delaware Dump Added to Superfund List," Morning News, 9/2/83. P. 500069-500070.
52. Newspaper article entitled "9 Pennsylvania Sites Added to List," Mercury, 9/2/83. P. 500071-500071.
53. Newspaper article entitled "Toxic Wastes," Herald, 9/2/83. P. 500072-500072.

54. Newspaper article entitled "York Area Site Among 9 New Dumps Cited," no source cited, 9/2/83. P. 500073-500073.
55. Newspaper article entitled "Delaware Dump Added to Superfund List," Evening Journal, 9/2/83. P. 500074-500074.
56. Newspaper article entitled "Lord Dump Off Superfund List," Erie Morning News, 9/2/83. P. 500075-500075.
57. Newspaper article entitled "Coughlin: Two Area Sites Qualify for Superfund Clean up," Indian Valley Echo, 9/7/83. P. 500076-500076.
58. Newspaper article entitled "Two Area Sites Qualify for Superfund Clean up," Buck-Mont Courier, 9/7/83. P. 500077-500077.
59. Newspaper article entitled "Two U. Merion Sites Superfunded," no source cited, 9/7/83. P. 500078-500078.
60. Letter to Mr. Lawrence Coughlin, House of Representatives, re: Tyson's Dump and Henderson Road sites being incorporated into Superfund National Priorities List, 9/9/83. P. 500079-500079.
61. Newspaper article entitled "Environment Council Reviews Tyson Plans," no source cited, 9/14/83. P. 500080-500081.
62. Newspaper article entitled "Chances Excellent for Tyson's Funds," King of Prussia Courier, 9/21/83. P. 500082-500083.
63. Newspaper article entitled "Officials Still Pondering Cancer Study," The Times Herald, 10/15/83. P. 500084-500084.
64. Newspaper article entitled "The Areas Worst Hazardous Waste Sites," The Philadelphia Inquirer, 1/19/84. P. 500085-500088.
65. Letter to Freedom of Information Officer, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: Request for information, 1/23/84. P. 500089-500090.

66. Letter to Mr. Ron Wagenmann, Upper Merion Township, from Mr. Victor J. Janosik, PADER, re: Update of Remedial Investigation, 1/25/84. P. 500091-500091.
67. Newspaper article entitled "Tyson Dump Clean up Still a Year Away," Today's Post, 2/8/84. P. 500092-500092.
68. Letter to Mr, Bradford F. Whitman, Dechert, Price & Rhoads, from Mr. Joseph J.C. Donovan, U.S. EPA, re: Transmittal of Documents as requested in January 23, 1984 letter, 2/9/84. P. 500093-500093.
69. Letter to Mr. Joseph J.C. Donovan, U.S. EPA, from Mr. Bradford F. Whitman, Dechert, Price & Rhoads, re: FOIA request, 2/10/84. P. 500094-500096. A check for \$77.00 is attached.
70. Letter to Mr. James W. Moormen, Cadwalader, Wickersham, & Taft, from Mr. Joseph J.C. Donovan, U.S. EPA, re: Transmittal of documents requested under FOIA, 2/13/84. P. 500097-500097.
71. Letter to Mr, Bradford F. Whitman, Dechert, Price & Rhoads, from Mr. Joseph J.C. Donovan, U.S. EPA, re: Response to FOIA request of January 23, 1984, 4/13/84. P.500098-500099.
72. Newspaper article entitled "DER to Ban Industrial Wastes at 30 Landfills," Citizen's Voice, 5/30/84. P. 500100-500100.
73. Newspaper article entitled "EPA Sues Owner of Upper Merion Dump," The Philadelphia Inquirer, 6/1/84. P. 500101-500101.
74. Newspaper article entitled "Cleanup Funds....," The Times Herald, 6/1/84. P. 500102-500102.
75. Newspaper article entitled "EPA Sues Tyson Dump Owners," Today's Post, 6/6/84. P. 500103-500103.
76. Newspaper article entitled "Tyson Dump Owners Face Suit from EPA," King of Prussia Courier, 6/6/84. P. 500104-500104.
77. Environmental News Release, 9/4/84. P. 500105-500105.

78. Newspaper article entitled "Hoeffel Calls for U.S. Aid to Toxic Cleanup Efforts," Montgomery County Record, 9/6/84. P. 500106-500106.
79. Newspaper article entitled "EPA Releases Report On Toxic Tyson's Dump," Times Herald, 9/6/84. P. 500107-500107.
80. Newspaper article entitled "Study Finds 'Superfund' Program Inadequate," no source cited, 9/6/84. P. 500108-500108.
81. Newspaper article entitled "EPA Lists Tyson Site 25th Most Toxic," Times Herald, 9/14/84. P. 500109-500109.
82. Newspaper article entitled "EPA Lists 128 Dumps as Health Hazards," U.S.A. Today, 9/17/84. P. 500110-500110.
83. Newspaper article entitled "Toxic Waste Site in Taylor is Placed on Federal Superfund Priority List," Times, 9/18/84. P. 500111-500111.
84. Newspaper article entitled "EPA Ranks Tyson's 25th," Today's Post, 9/19/84. P. 500112-500112.
85. Newspaper article entitled "Tyson's Dump 25th on Hazardous Waste List," King of Prussia Courier, 9/19/84. P. 500113-500113.
86. Newspaper article entitled "Hazardous Waste List," no source cited, 9/20/84. P. 500114-500114.
87. EPA Environmental News release, re: Public meeting on Tyson's Superfund Site Feasibility Study, 9/21/84. P. 500115-500115.
88. Newspaper article entitled "Public Meeting is Scheduled on Cleanup of Tyson's Dump," The Philadelphia Inquirer, 9/26/84. P. 500116-500116. A newspaper article, dated January 13, 1984, entitled "Toxic Waste Site In Taylor Is Placed On Federal Superfund Priority List," is attached.
89. Letter to Ms. Nanci Sinclair, U.S. EPA, from Mr. Ronald G. Wagenmann, Upper Merion Township, re: Confirmation of a recent telephone conversation, 10/2/84. P.

500117-500117.

90. Newspaper article entitled "Tyson's Dump Reports will be Aired at Meeting," King of Prussia Courier, 10/3/84. P. 500118-500118.
91. Newspaper article entitled "Tyson's Excavation Best Cleanup Choice," Today's Post, 10/3/84. P. 500119-500119.
92. Newspaper article entitled "Repair Expected Today on U. Merion Water Main Break," The Times Herald, 10/9/84. P. 500120-500120.
93. Newspaper article entitled "Tyson's Dump Study Meeting Set," no source cited, 10/10/84. P. 500121-500121.
94. Agenda for Tyson's Superfund Site Public Meeting, 10/10/84. P. 500122-500122.
95. Pre-meeting attendance list, 10/10/84. P. 500123-500123.
96. Meeting attendance list, 10/10/84. P. 500124-500124.
97. U.S. EPA fact sheet, Tyson's Dump Site public meeting, 10/10/84. P. 500125-500129.
98. Handwritten list of persons requesting site documents, 10/10/84. P. 500130-500130.
99. Letter to Ms. Nanci Sinclair, U.S. EPA, from Ms. Lois Talley and Mr. Frank Cariola, re: Support for Site capping and groundwater diversion, 10/11/84. P. 500131-500131.
100. Letter, re: Support for removal of contaminated soils, 10/11/84. P. 500132-500132.
101. Newspaper article entitled "U. Merion Urges \$6 Million Earth Removal Plan for Tyson's Dump," The Times Herald, 10/11/84. P. 500133-500134.
102. Letter to U.S. EPA from Mr. William R. Stribrny, re: Support for removing contaminated soils from the site, 10/17/84. P. 500135-500135.
103. Newspaper article entitled "EPA Seeks Input on Tyson's Dump," Suburban and Wayne Times, 10/18/84. P. 500136-

500137.

104. Letter to Mr. Joe Dugandzic, U.S. EPA, from Mr. John W. Hanna, re: Support for removal of contaminated soils, 10/19/84. P. 500138-500138.
105. Letter to Mr. Joe Dugandzic, U.S. EPA, from Mr. Anthony J. Brown, re: Support for removal of contaminated soils, 10/19/84. P. 500139-500139.
106. Letter to Mr. Joe Dugandzic, U.S. EPA, from Mr. Robert J. Montemayor, Upper Merion Republican Committee, re: Support for removal of contaminated soils, 11/2/84. P. 500140-500140.
107. Letter to Mr. Joe Dugandzic, U.S. EPA, from Mr. Dennis R. Kukulha and Sharon L. Kukulha, re: Support for removal of contaminated soils, 11/2/84. P. 500141-500141.
108. Letter to Ms. Nanci Sinclair, U.S. EPA, from Mr. Dennis R. Kukulha and Sharon L. Kukulha, re: Support for removal of contaminated soils, 11/2/84. P. 500142-500142.
109. Letter to Mr. Joe Dugandzic, U.S. EPA, from Mr. Ronald G. Wagenmann, Upper Merion Township, re: Support for removal of contaminated soils, 11/5/84. P. 500143-500146.
110. Letter to Mr. Joe Dugandzic, U.S. EPA, from Ms. Suzanne F. Andrews, re: Support for removal of contaminated soils, 11/5/84. P. 500147-500147.
111. Letter to Mr. Joe Dugandzic and Ms. Nanci Sinclair, U.S. EPA, from Ms. Barbara S. Frailey, re: Support for removal of contaminated soils, 11/6/84. P. 500148-500148.
112. Letter to Mr. Joe Dugandzic, U.S. EPA, from Ms. Judith A. Levey and Mr. Paul A. Levey, re: EPA's boondoggle at Tyson's Dump Site, 11/6/84. P. 500149-500150.
113. Newspaper article entitled "U. Merion Petition Drive for Removal of Tyson's Dump," The Times Herald, 11/6/84. P. 500151-500152.

114. Newspaper article entitled "Petition to Remove Tyson's Dump gets Strong Support in U. Merion," The Times Herald, 11/7/84. P. 500153-500153.
115. Newspaper article entitled "Our Readers Say...", The Times Herald, 11/7/84. P. 500154-500154.
116. Letter to Mr. Joe Dugandzic, U.S. EPA, from Mr. Joseph A. Lashinger Jr., House of Representatives, re: Support for removal of contaminated soils, 11/12/84. P. 500155-500155. A transmittal sheet for the U.S. Senate is attached.
117. Newspaper article entitled "Demand: Neutralize the Dump," Today's Post, 11/22/84. P. 500156-500156.
118. Newspaper article entitled "Letter to the Editor," King of Prussia Courier, 12/5/84. P. 500157-500157.
119. Letter to Mr. Don Welsh, U.S. EPA, from Mr. John Heinz, U.S. Senate, re: Response to proposed action at the site, 12/20/84. P. 500158-500162. A letter dated November 5, 1984, from the supervisors of Upper Merion Township is attached.
120. News release, re: EPA committing \$441,000 to the design phase of the site, 1/4/85. P. 500163-500163.
121. Newspaper article entitled "Excavation slated for Tyson's Dump," The Times Herald, 1/5/85. P. 500164-500165.
122. Newspaper article entitled "Robinson Takes Over Head of Upper Merion Supervisors," The Times Herald, 1/8/85. P. 500166-500167.
123. Newspaper article entitled "Tyson's to be Excavated," King of Prussia Courier, 1/9/85. P. 500168-500168.
124. Newspaper article entitled "Dump Site: EPA Allocates \$5.7 Million to Hazardous Waste Cleanup," Ambler Gazette, 1/10/85. P. 500169-500169.
125. U.S. EPA Environmental News Release, re: EPA holds public meeting, 1/10/85. P. 500170-500170.
126. Public meeting attendance sheet, 1/22/85. P. 500171-500172.

127. Outline of Tyson's Dump Site public meeting for the ROD, 1/22/85. P. 500173-500176.
128. Formal announcement of ROD at public meeting, 1/22/85. P. 500177-500182.
129. Newspaper article entitled "EPA Sets Plans for Excavation of Tyson's Dump," The Times Herald, 1/23/85. P. 500183-500184.
130. Telephone message re: Tyson's Site, 1/24/85. P. 500185-500185.
131. Letter to Freedom of Information Officer, U.S. EPA, from Mr. Michael H. Malin and Ms. Nancy H. Paterson, White and Williams, re: Freedom of Information Act (FOIA) request, 1/29/85. P. 500186-500187.
132. Memorandum to Ms. Janet A. Luffy, U.S. EPA, from Ms. Nanci L. Sinclair, U.S. EPA, re: Public meeting, 1/29/85. P. 500188-500188.
133. Newspaper articles entitled "Tyson's Cleanup to Start by Fall" and "Firm Says Records Clear it of Toxics Responsibility," Today's Post, 1/30/85. P. 500189-500190.
134. Newspaper articles entitled "Tyson's Dump Excavation to Start Next Winter," King of Prussia Courier, 1/30/85. P. 500191-500191.
135. Newspaper articles entitled "Tyson's Cleanup," Today's Post, 1/30/85. P. 500192-500192.
136. Paper entitled "Purpose of Additional Drilling and Sampling Analysis, 3/1/85. P. 500193-500193.
137. Newspaper articles entitled "Insignificant Radiation at Dump," no source cited, 3/6/85. P. 500194-500194.
138. Newspaper articles entitled "Despite Court Delays, Tyson's Cleanup to Proceed, EPA Says," The Times Herald, 3/15/85. P. 500195-500196.
139. Letter to Freedom of Information Officer, U.S. EPA, from Mr. Ed Hutton, Cecos International Inc., re: FOIA request, 3/27/85. P. 500197-500198. The FOIA request transmittal is attached.

140. Letter to Ms. Lorraine Urbeit, U.S. EPA, from Mr. Mark Jaffe, The Philadelphia Inquirer, re: FOIA request, 4/23/85. P. 500199-500200. The FOIA request transmittal is attached.
141. Letter, re: Tyson's Dump, 4/1/85. P. 500201-500201.
142. Letter to Mr. Ed Hutton, Cecos International, Inc., from Mr. Thomas C. Voltaggio, U.S. EPA, re: Holding of FOIA material pending receipt of payment, 4/1/85. P. 500202-500202.
143. Telephone messages from Brian Steer, Norristown Times Herald, re: Tyson's dump, Moyer's LF, Henderson Rd., Kessler Company 5/21/85. P. 500203-500203.
144. News release re: U.S. Army Corps of Engineers awarded design contract for cleanup, 6/25/85. P. 500204-500206. A transmittal sheet is attached.
145. Transmittal form from Senator Arlen Specter, 7/9/85. P. 500207-500207.
146. A transmittal sheet from Senator Arlen Specter, 7/24/85. P. 500208-500208.
147. Newspaper article entitled "Official: Pollution has Spread Beyond Tyson's Dump," The Times Herald, 7/30/85. P. 500209-500210.
148. Newspaper article entitled "Tyson's Dump Contract Awarded," Today's Post, 7/31/85. P. 500211-500211.
149. Newspaper article entitled "Contamination Level Around Tyson Dump Still Questionable," The Times Herald, 8/1/85. P. 500212-500212.
150. Letter to Senator Arlen Specter, U.S. Senate, from U.S. EPA, re: Elissa Emily Dee's letter 8/2/85. P. 500213-500213.
151. Handwritten notes of Tyson's public meeting, 8/5/85. P. 500214-500217.
152. Newspaper article entitled "Superfund Needed in Pennsylvania," no source cited, 8/5/85. P. 500218-500218.
153. Newspaper article entitled "Seepage Doubles at Tyson's

- Dump," King of Prussia Courier, 8/7/85. P. 500219-500219.
154. Newspaper article entitled "Funding. . .," Times Herald, 8/17/85. P. 500220-500220.
155. Newspaper article entitled "Douglassville Dump Loses Superfunding," Reading Times, 8/17/85. P. 500221-500221.
156. Newspaper article entitled "Design Work Delayed at Douglassville Dump," Reading Eagle, 8/17/85. P. 500222-500222.
157. Newspaper article entitled "EPA Announces Halt in Cleanups," Today's Post, 8/21/85. P. 500223-500223.
158. Newspaper article entitled "Hazardous Dump Unaffected," Today's Spirit, 8/22/85. P. 500224-500224.
159. Newspaper article entitled "McClatchy Requests Action on Superfund," Today's Post, 8/28/85. P. 500225-500225.
160. Report: Community Relations Plan, Tyson's Dump Site, prepared by NUS Corporation, 9/85. P. 500226-500257.
161. Newspaper article entitled "McClatchy: Restore Funds for Tyson's Dump Cleanup," King of Prussia Courier, 9/4/85. P. 500258-500258.
162. U.S. EPA Environmental News release, re: EPA schedules public meeting, 9/16/85. P. 500259-500260.
163. Newspaper article entitled "Tyson's Dump Meeting Planned for October," King of Prussia Courier, 9/18/85. P. 500261-500261.
164. Newspaper article entitled "Upper Merion Area: Tyson's Dump Cleanup Meeting Set," 9/25/85. P. 500262-500262.
165. Letter to Ms. Geralene B. Gruene, U.S. EPA, from Mr. Terry Lane, Clean Water Action Project, re: FOIA request, 9/27/85. P. 500263-500264.
166. FOIA request form, 9/27/85. P. 500265-500265.
167. Newspaper article entitled "EPA to Discuss NM Toxic Waste," Suburban and Wayne Times, 9/29/85. P. 500266-

500266.

168. Handwritten meeting attendance sheet, re: Tyson's Conceptual Design Meeting, 10/1/85. P. 500267-500268.
169. Newspaper article entitled "Cost of Tyson's Cleanup Doubled to \$19 Million," The Times Herald, 10/2/85. P. 500269-500269.
170. Newspaper article entitled "Superfund Assistance: Congress Holds Key," The Times Herald, 10/2/85. P. 500270-500270.
171. Handwritten letter from Ms. Margaret Theresa Strahlz, re: Support of removing contaminants by rail, 10/8/85. P. 500271-500272.
172. Newspaper article entitled "Dump Cleanup Could Begin in May," King of Prussia Courier, 10/9/85. P. 500273-500273.
173. Letter to Ms. Nanci Sinclair, U.S. EPA, from Ms. Barbara S. Frailey, re: Request for public input regarding cleanup methods at Tyson dump site, 10/9/85. P. 500274-500274.
174. Newspaper article entitled "Dump Clean-up. . .," Suburban and Wayne Times, 10/10/85. P. 500275-500275.
175. Letter to the Honorable Arlen Specter, U.S. Senate, from Ms. Robert J. Montemayor, Upper Merion Republican Committee, re: The Tyson's dump public meeting on October 1, 1985, 10/10/85. P. 500276-500276.
176. Letter to Ms. Nanci Sinclair, U.S. EPA, from Mr. Robert J. Montemayor, Upper Merion Republican Committee, re: Support to utilize the rail method of removal, 10/10/85. P. 500277-500278.
177. Letter to the Honorable William W. Scranton, III, from Mr. Robert J. Montemayor, Upper Merion Republican Committee, re: October 1, 1985 public meeting, 10/10/85. P. 500279-500279.
178. Handwritten letter to U.S. EPA from Ms. Jayne F. Nyquist, re: Support of contaminant removal by rail,

10/10/85. P. 500280-500281.

179. Letter to Ms. Nanci Sinclair, U.S. EPA, from Mr. Ronald G. Wagenmann, Upper Merion Township Board of Supervisors, re: Comments on the conceptual plan for the cleanup of the site, 10/15/85. P. 500282-500283.
180. Letter to Mr. Robert J. Montemayor, Upper Merion Republican Committee, from Mr. William W. Scranton, III, Lieutenant Governor's office, re: Cleanup of the site, 10/21/85. P. 500284-500284.
181. Letter to Mr. Arlen Specter, U.S. Senate, from Ms. Katherine Marx, re: Pollution in King of Prussia, 10/31/85. P. 500285-500285.
182. Letter to Mr. Arlen Specter, U.S. Senate, from Ms. Colleen Iacarino, re: Tyson's dump, 10/31/85. P. 500286-500286.
183. Letter to the Senator, U.S. Senate, from Ms. Laurean Clemente, re: Tyson's dump, 10/31/85. P. 500287-500287.
184. Letter to Mr. Arlen Specter, U.S. Senate, from Ms. Andrea Tecce, re: Tyson's dump, 11/1/85. P. 500288-500288.
185. Letter to Ms. Nanci Sinclair, U.S. EPA, from Mr. Richard A. McClatchy, Jr., House of Representatives, re: Support of removing contaminants by rail, 11/1/85. P. 500289-500289.
186. Newspaper article entitled "McClatchy Presses for Rail Removal of Dump's Contaminants," Main Line Times, 11/7/85. P. 500290-500290.
187. A transmittal sheet from Arlen Specter, 11/19/85. P. 500291-500291.
188. Handwritten memorandum, re: Tyson's dump, 11/22/85. P. 500292-500292.
189. Control slip for Office of Congressional Correspondence, 11/29/85. P. 500293-500293.
190. FOIA request form, re: Mr. Arlen Specter, 12/4/85. P. 500294-500294.

191. A transmittal sheet from Arlen Specter, 12/9/85.
P. 500295-500295.
192. Control slip for Office of Congressional
Correspondence, 12/12/85. P. 500296-500296.
193. FOIA request form, 12/17/85. P. 500297-500297.
194. Letter to the Mr. Arlen Specter, U.S. Senate, from Mr.
James M. Self, U.S. EPA, re: Tyson's site cleanup,
12/26/85. P. 500298-500298.
195. Handwritten meeting notes, 1/8/86. P. 500299-500299.
196. Telephone message from Mr. Don Bennett, Ocean County
Observer, re: \$1.5 million lawsuit for costs to date,
1/9/86. P. 500300-500300.
197. Telephone message from Mr. Kirk Moore, re: Tyson's
dump, 1/9/86. P. 500301-500301.
198. Telephone conversation record of Mr. Tim Travers, U.S.
EPA, and Ms. Lois Davis, re: Increase of cancer in
immediate area of the site, 1/21/86. P. 500302-500303.
A map of the area is attached.
199. Memorandum to Mr. Tim Travers, U.S. EPA, from Mr. Bruce
Molholt, U.S. EPA, re: Lois Davis's concerns about
cancer in the surrounding areas of site, 1/22/86.
P. 500304-500304.
200. Newspaper article entitled "State Ensures Tyson's
Cleanup Will Continue," Today's Post, 3/26/86.
P. 500305-500305.
201. Paper regarding Deep Aquifer Operable Unit findings,
4/17/86. P. 500306-500306.
202. Telephone message from Mr. Brian Steer, Times Herald,
re: Tyson's dump, 6/2/86. P. 500307-500307.
203. Paper on Tyson's dump, 7/21/86. P. 500308-500310.
204. U.S. EPA Environmental News Release, re: Public
meeting, 7/25/86. P. 500311-500312.
205. Paper of Tyson's dump update, 7/31/86. P. 500313-
500313.

- 206. U.S. EPA Fact Sheet, Tyson's dump site, re: Comparative costs for focused feasibility study, 8/4/86. P. 500314-500314.
- 207. Meeting attendance list, 8/5/86. P. 500315-500315.
- 208. Handwritten meeting attendance list, 8/5/86. P. 500316-500316.
- 209. Paper on Tyson's dump site, 8/7/86. P. 500317-500317.
- 210. Draft ROD Remedial Alternative Selection, Tyson's dump site, 8/15/86. P. 500318-500338
- 211. Letter to Ms. Nanci Sinclair, U.S. EPA, from Ms. Mildred Chorba, re: Trucking of contaminated waste, 8/16/86. P. 500339-500340.
- 212. Letter to FOIA Officer, U.S. EPA, from Ms. Judith A. Wick, ERT, re: Request for documents, 8/27/86. P. 500341-500342. The request form is attached.
- 213. Letter to Ms. Nanci Sinclair, U.S. EPA, from Mr. Evan H. Komito, re: Support of removing contaminated soil by rail, 9/7/86. P. 500343-500343.
- 214. Letter to Ms. Nanci Sinclair, U.S. EPA, from Mr. Ralph P. Volpe, Upper Merion Township, re: Support of the use of rail for removing waste, 9/8/86. P. 500344-500344.
- 215. Letter to Ms. Judith A. Wick, ERT, from Mr. Thomas C. Voltaggio, U.S. EPA, re: Holding requested material pending payment, 9/11/86. P. 500345-500346.
- 216. Telephone message from Ms. Beatrice Black, re: Tyson's dump, 10/2/86. P. 500347-500347.
- 217. Letter to Ms. Lorraine Urbeit, U.S. EPA, from Mr. Paul M. Hummer, Saul, Ewing, Remick & Saul, re: FOIA request, 11/7/86. P. 500348-500349. The FOIA request form is attached.
- 218. Handwritten list of names, 11/25/86. P. 500350-500350.
- 219. Newspaper article entitled "Company Proposes Cleanup," Today's Post, 11/27/86. P. 500351-500351.

- 220. Letter to Mr. Paul Hummer, Saul, Ewing, Remick & Saul, from Mr. Thomas C. Voltaggio, U.S. EPA, re: Request for information, 12/2/86. P. 500352-500352.
- 221. Newspaper article entitled "Work Halted on Project at Tyson's Site," Today's Post, 12/4/86. P. 500353-500353.
- 222. Newspaper article entitled "Firm Withdraws Request to Keep Testing at Tyson's Dump," The Times Herald, 1/9/87. P. 500354-500354.
- 223. Paper regarding Tyson's dump, 1/9/87. P. 500355-500355.
- 224. Handwritten notes concerning the site, 1/13/87. P. 500356-500356.
- 225. Handwritten meeting attendance sheet, 1/13/87. P. 500357-500357.
- 226. Significant issues paper concerning the site, 4/2/87. P. 500358-500359.
- 227. Handwritten meeting attendance sheet for Executive Session of EAC, 4/7/87. P. 500360-500360.
- 228. Paper regarding Tyson's dump, 4/13/87. P. 500361-500361.
- 229. U.S. EPA Environmental News Release, re: Issuing a consent order for the operation and maintenance of air stripper, 4/29/87. P. 500362-500362.
- 230. U.S. EPA Fact Sheet, Tyson's dump site, (undated). P. 500363-500363.
- 231. Tyson's dump site status report, (undated). P. 500364-500364.
- 232. Tyson's dump site briefing, (undated). P. 500365-500365.
- 233. Paper regarding Tyson's dump site, (undated). P. 500366-500367.
- 234. Paper regarding Tyson's dump site, (undated). P. 500368-500368.

- 235. PADER news release, (undated). P. 500369-500371.
- 236. Paper entitled "Addendum to Upper Merion. . .," (undated). P. 500372-500372.
- 237. Narrative to slide presentation, (undated). P. 500373-500373.
- 238. Paper regarding "Tyson's Comments," (undated). P. 500374-500377.
- 239. Handwritten notes concerning Tyson's pre-meeting, (undated). P. 500378-500378.
- 240. Various telephone messages, re: Site activities, (undated). P. 500379-500384.
- 241. Handwritten notes, (undated). P. 500385-500389.
- 242. U.S. EPA fact sheet, Tyson's dump, for Mr. Arlen Specter, (undated). P. 500390-500393. A cover letter and a location map are attached.
- 243. Petition encouraging EPA to remove contaminated soil by means of rail, (undated). P. 500394-500435.
- 244. Petition in support of removal of contaminated wastes as indicated in Feasibility Study report, (undated). P. 500436-500675.
- 245. Newspaper article entitled "EPA Halts Work on Toxic Cleanups," no source cited, (undated). P. 500676-500676.
- 246. Newspaper article entitled "Toxic Dump Cleanup to Begin in Fall of '84," no source cited, (undated). P. 500677-500677.
- 247. Newspaper article entitled "Supervisors Fear Delay in Tyson's Dump Cleanup," no source cited, (undated). P. 500678-500678.

- 248. Handwritten list of names and addresses, (undated).
P. 500679-500679.
- 249. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Randy L. Wolf, Upper Merion Environmental Advisory Committee, re: Transmittal of a copy of a letter to the Upper Merion Board of Supervisors concerning the cleanup at the site, 3/26/96. P. 500680-500682. The letter dated March 13, 1996, is attached.
- 250. Letter to Mr. Eugene Dennis, U.S. EPA, from Mr. Joseph N. Bartlett, Jr., re: Questions and comments concerning the cleanup at the site, 3/28/96.
P. 500683-500688.

SITE SPECIFIC GUIDANCE DOCUMENTS

1. The Finnigan Library Search Program, prepared by Mr. Steve Sokolow, Mr. Joel Karnnofsky, and Mr. Phil Gustafson, 3/78.
2. Environmental Response Team's Air Monitoring Program for Multimedia Hazardous Material Incidences, prepared by U.S. EPA, 9/13/82.
3. Community Relations in Superfund, A Handbook, prepared by U.S. EPA, 9/83.
4. Federal Register Notice, re: Amendment to National Oil and Hazardous Substances Contingency Plan, 9/8/83.
5. Travel Demand Analysis for the Proposed Skuylkill Parkway, prepared by Delaware Valley Regional Planning Commission, 1/84.
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